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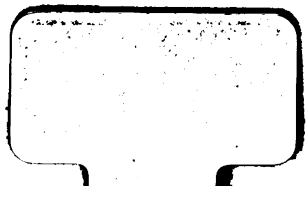

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ABBREVIATIONS

A.	Absent on leave
C.	Old Chapel
D.	Durfee College
E.	East Divinity Hall
F.	Farnam College
L.	Lyceum
N.	North College
N. M.	North Middle College
N. S. H.	North Sheffield Hall
S.	South College
S. H.	Sheffield Hall
S. M.	South Middle College
TR.	Treasury Building
W.	West Divinity Hall

Upon the College Square, the rooms numbered from 1 to 32 are in South College; from 33 to 64 in South Middle College; from 65 to 96 in North Middle College; from 97 to 128 in North College; from 129 to 177 in Farnam College; from 178 to 185 in the Lyceum; from 186 to 200 in the Old Chapel; from 201 to 240 in Durfee College.

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CALENDAR

1878		
12 Sept.	Thursday	FIRST ACADEMICAL TERM begins.
26 Sept.	Thursday	Fall Term, Department of Law, begins.
3 Oct.	Thursday	Winter Term, Department of Medicine, begins.
19 Dec.	Thursday	FIRST TERM ends.
	Winter Vacation of three weeks.	
1879		
9 Jan.	Thursday	SECOND ACADEMICAL TERM begins.
30 Jan.	Thursday	Winter Term, Department of Medicine, ends.
13 Feb.	Thursday	Spring Term, Dep't. of Medicine, begins.
27 March	Thursday	Winter Term, Department of Law, ends.
3 April	Thursday	Junior Exhibition.
9 April	Wednesday	SPRING RECESS begins.
10 April	Thursday	Spring Term, Department of Law, begins.
16 April	Wednesday	SPRING RECESS ends.
5 May	Monday	Bristed Scholarship Examination.
6 May	Tuesday	Berkeley Scholarship Examination.
13, 14 May	Tuesd., Wedn.	Annual Examination, Dep't of Theology.
15 May	Thursday	Anniversary, Department of Theology.
19 May	Monday	Woolsey Scholarship Examination begins.
19 May	Monday	Winthrop Prize Examination.
20 June	Friday	DeForest Prize Speaking.
22 June	Sunday	Baccalaureate Sermon.
23 June	Monday	Anniversary of the Department of Medicine.
24 June	Tuesday	Anniversary of the Sheffield Scientific School.
24 June	Tuesday	Presentation for Degrees, Acad. Department.
25 June	Wednesday	Anniversary of the Society of Alumni.
25 June	Wednesday	Anniversary of the Department of Law.
26 June	Thursday	COMMENCEMENT.
27, 28, 30 June	Fri., Sat., Mon.	Examination for admission to the Academical Department.
27, 28 June	Friday, Sat.	Examination for admission to the Sheffield Scientific School.
	Summer Vacation of eleven weeks.	
9, 10 Sept.	Tuesd., Wedn.	Examination for admission.
11 Sept.	Thursday	FIRST ACADEMICAL TERM begins.
25 Sept.	Thursday	Fall Term, Department of Law, begins.
18 Dec.	Thursday	FIRST TERM ends.

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Loren True Day	*Bridgeport*	Bridgeport
Manning Stevens Douglass	*Hartford*	231 Crown st.
Henry Doutteil	*New Haven*	103 Court st.
Edward Caldwell Earle	*New Haven*	214 Orchard st.
Samuel E. Elliott	*New Wilmington, Pa.*	119 W.
Eli Percival Flint	*Coventry*	383 Orchard st.
Robert Jackson Gibson, PH.B.	*New Haven*	44 Edwards st.
Charles Henry Gilbert	*Westbrook*	159 George st.
Andrew Bennett Gorham	*Weston*	66 Humphrey st.
William Boardman Graves	*New Haven*	72 High st.
George Henry Hammond, B.A. Wesleyan University	*Portland*	221 Elm st.
Reuben Harmon	*Kirtland, O.*	Ansonia
Charles Hubbard Howland	*New Haven*	206 Exchange st.
Joseph Waldo Jewett	*New Haven*	Union office
Thomas Backus Jewett	*Birmingham*	16 Elm st.
G. O. Johnson, M.D. Univ. of Maryland	*Clinton*	Clinton
Herbert Samuel Jones	*South Sudbury, Mass.*	27 Prospect st.
Bruce Smith Keator	*Roxbury, N. Y.*	27 Prospect st.
Harman Jarvis Kelsey	*West Haven*	West Haven
Benjamin Lott Lambert	*New Haven*	163 Bradley st.
Alton Winslow Leighton, PH.B.	*New Haven*	125 Whalley av.
Charles Edward McGowan, B.A. St. John's College	*New Haven*	187 Hamilton st.
William Snow Miller	*Killingworth*	21 Davenport av.
Charles Whiting Moody	*Plainville*	Bridgeport
Theodore Raymond Parker	*Montville*	221 Elm st.
George Orrin Robbins	*Roxbury*	221 Elm st.
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William Spencer Russell	*Wallingford*	72 High st.

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William Thompson Sedgwick, PH.B.	*Farmington*	14 S. H.
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James Ebenezer Stetson	*New Haven*	34 Prospect st.
Charles Grenville Surridge	*Vernon Center*	231 Crown st.
Edwin Elisha Swift	*Hamden*	198 Crown st.
Arthur John Tenney, PH.B.	*New Haven*	126 Crown st.
John Seymour Thacher, B.A.	*New Haven*	182 L.
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William James Wakeman, B.A.	*Westport*	Westport
George Lewis Watson	*Hartford*	90 High st.
George Hazzard Wattles	*Hartford*	Hartford
Willis Edward Weed	*Bridgeport*	Bridgeport
Caryl Fenelon Seely White	*New Haven*	104 York st.
Walter Churchill Whiting	*Blandford, Mass.*	172 York st.
George Herbert Williams	*West Haven*	West Haven

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Isaac Franklin Russell, M.A. and LL.B. N. Y. Univ., Attorney at Law	*Brooklyn, N. Y.*	74 High st.
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John Kimberly Beach, B.A.	*New Haven*	124 Temple st.
Alfred Umsted Bean	*Pawling, Pa.*	189 George st.
James Henry Brewster, PH.B.	*New Haven*	35 High st.
John Wolcott Bristol, B.A.	*New Haven*	65 Elm st.
George Murray Brooks	*Portland, Me.*	12 University pl.
Austin Ira Bush	*Niantic*	97 Chapel st.
John William Coogan, B.A. St. John's College	*Windsor Locks*	157 George st.
Walter Goodman Cowles	*Hartford*	35 High st.
John Breed Douglas	*Windsor Locks*	35 High st.
Wallace Bruce Fenn, Jr., PH.B.	*New Haven*	174 Orange st.
George Levi Fox, B.A.	*New Haven*	7 College st.
Lloyd William Harmon	*New York City*	370 Chapel st.
Albert Foster Jones	*Chico, Cal.*	66 w.
Ardon Legrand Judd, B.A.	*Stratford*	Stratford
Robert Gilbert Osborn, B.A.	*New Haven*	150 York st.
James Lancelot Phelps	*Essex*	121 E. Grand st.
Edward Denmore Robbins, B.A.	*Wethersfield*	21 s.
Henry Roberts, B.A.	*Hartford*	Hartford
James Page Stinson	*Wiscasset, Me.*	Tontine Hotel
John Martin Sweeney	*Naugatuck*	88 Chapel st.
Alfred Beaumont Thacher, B.A.	*New Haven*	5 s.
George Huntington Thomas, B.A.	*Norwich*	94 Whalley av.
James Smith Thompson, B.A.	*East Haven*	East Haven
Oswin Hinkley Tuttle	*New Haven*	201 Orange st.

SENIORS, 25

JUNIOR CLASS

Amos Avery Browning, PH.B.	*Norwich*	17 Home pl.
Henry Grier Bryant	*Philadelphia, Pa.*	87 Olive st.
Daniel Wayland Cady, B.A. Cornell University	*Petersboro, N. Y.*	96 Minor st.
George Lafayette Camm	*New Haven*	39 Sperry st.
Samuel Leonard Tilley Carvell	*Hampton, N. B., Canada*	123 Chapel st.
Jesse Lewis Case, B.A.	*Peconic, N. Y.*	121 w.
Willis Gaylord Clarke, B.A. Wesleyan University	*St. Clair, Mich.*	36 High st.
Henry Walcott Farnam, M.A., RER. POL. D. Strassburg	*New Haven*	43 Hillhouse av.

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Charles Lyman Howard	*Essex*	87 Park st.
William Dewitt Kellogg	*South Lee, Mass.*	32 Clinton av.
Henry Winslow Lamb	*New Haven*	753 W. Chapel st.
William Henry Law, Jr., B.A.	*New Haven*	144 Orange st.
Robert Alfred Lowe	*Fair Haven*	Saltonstall av.
James Hodge McLean	*Trenton, Ga.*	155 Elm st.
Edward DeWitt Merriman, B.A.	*New Haven*	196 Crown st.
John Martin Murdoch	*Middletown*	420 Chapel st.
Charles Henry Northrop	*Newtown*	80 Prince st.
Miner Gibbs Norton, PH.B. Mt. Union College	*Jefferson, O.*	170 George st.
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Orlando Belknap Pond	*New Haven*	70 Pierpont st.
Edwin Archer Randolph	*Richmond, Va.*	39 Sperry st.
Edward Lyon Robinson	*Columbus, O.*	44 Elm st.
James Rosenthal	*Chicago, Ill.*	101 William st.
William Ruggles Sanborn, B.A.	*New Haven*	17 Court st.
Gerrit Smith, B.A.	*New Haven*	87 Church st.
Clinton Spencer, B.A.	*Suffield*	91 Olive st.
Charles Egbert Stanton	*Eureka, Nev.*	64 High st.
George Loomis Sterling, B.A.	*New Haven*	198 Crown st.
Albert Lewis Talcott, PH.B. Mt. Union College	*Jefferson, O.*	170 George st.
Charles Martin Taylor	*Lanesboro', Pa.*	123 Chapel st.
Ezra Armstrong Tuttle	*Oswego, N. Y.*	87 Park st.
James Eugene Walsh	*Pittsfield, Mass.*	118 York st.
Edwin Cassius Wemple	*Brooklyn, N. Y.*	48 College st.
Edward Baldwin Whitney, B.A.	*New Haven*	198 Crown st.

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Terah Haggin Patterson	*Georgetown, Ky.*	44 Elm st.
Charles Henry Skillman	*Lambertville, N. J.*	117 Elm st.
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John Pomeroy Bartlett, PH.B.	*New Britain*	16 S. H.
William Beebe, B.A.	*Warsaw, N. Y.*	153 F.
John Luis Blackmore, PH.B.	*City of Mexico, Mexico*	40 Park st.
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John Kendrick, B.A.	*Wallingford*	22 Trumbull st.
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Lanman James Nettleton, B.A. Oberlin College	*Oberlin, O.*	30 E.
Samuel Lewis Penfield, PH.B.	*Catskill, N. Y.*	14 S. H.
Richard Rathbun, Cornell University	*Buffalo, N. Y.*	N. S. H.
Alfred Lawrence Ripley, B.A.	*Andover, Mass.*	123 W.
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Edward Naman Sheppard, B.A.	*New Haven*	150 Crown st.
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Inajiro Taneka Tajiri, B.A.	*Kagoshima, Japan*	59 Wall st.
Benjamin Thaw, B.A. Western Univ. of Pa.	*Pittsburgh, Pa.*	171 Crown st.
John Trumbull, B.A.	*Valparaiso, Chili*	124 High st.
William Everett Waters, B.A.	*Cincinnati, O.*	6 Library st.
Horace Lemuel Wells, PH.B.	*New Britain*	47 N. S. H.
Alexander Martin Wilcox, B.A.	*Baltimore, Md.*	36 High st.
Marion Wilcox, B.A.	*New Haven*	15 York sq.
Samuel W. Williston, B.A. Kansas Agric. College	*Manhattan, Kan.*	92 High st.
Edmund Beecher Wilson, PH.B.	*Geneva, Ill.*	523 Chapel st.

GRADUATES, 45

SPECIAL STUDENT, NOT CANDIDATE FOR A DEGREE

Macgrane Coxe	*Huntsville, Ala.*	107 York st.

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Hugh Dudley Auchincloss	*New York City*	147 F.
William Ward Bailey	*New Haven*	150 F.
Ralph Barker	*New York City*	146 F.
Thomas Rossiter Barnum	*New Haven*	144 Humphrey st.
Augustus Wood Bell, Jr.	*Morristown, N. J.*	48 College st.
Poultney Bigelow	*Highland Falls, N. Y.*	238 D.
Edward Tyler Blair	*Chicago, Ill.*	223 D.
Louis Norman Booth	*Bridgeport*	2 S.
Edward Augustus Bowers	*New Haven*	132 F.
Lloyd Wheaton Bowers	*Elizabeth, N. J.*	132 F.
Lorenzo Cary Brooks	*Chicago, Ill.*	162 F.
William Livingston Bruen	*New York City*	11 S.
Harry Austin Buffum	*Great Falls, N. H.*	156 F.
Jonathan Bulkley	*Brooklyn, N. Y.*	225 D.
Lucien Francis Burpee	*Rockville*	157 F.
Henry Allen Bushnell	*Old Saybrook*	30 S.
Augustus Stiles Carrier	*Erie, Pa.*	85 Olive st.
Ernest Carter	*Chicago, Ill.*	215 D.
Elie Stacey Charlier	*New York City*	2 S.
Chun Lung	*Hien Shang, China*	27 Temple st.
Aaron Van Schaick Cochrane	*Coxsackie, N. Y.*	30 S.
Oliver Turnbull Crane	*Morristown, N. J.*	134 F.
Henry Cooper Crouch	*Kingston, N. Y.*	131 F.
John William Curtiss	*Watertown*	145 F.
Julian Wheeler Curtiss	*Fairfield*	145 F.
David Daggett	*New Haven*	60 Wall st.
Louis Shepard DeForest	*New Haven*	19 Compton st.
Henry Herbert Donaldson	*Stockbridge, Mass.*	229 D.
James Webster Eaton	*Albany, N. Y.*	134 F.
Newell Avery Eddy	*Bangor, Me.*	211 D.
Gerard Morris Edwards	*New York City*	8 S.
John Villiers Farwell, Jr.	*Chicago, Ill.*	223 D.
David Fleischman	*Albany, N. Y.*	167 F.
Samuel Peters Fosdick	*Stamford*	144 F.
George Forris Foster	*Grand Rapids, Mich.*	225 D.
Samuel Monell Foster	*Newburgh, N. Y.*	152 F.
Edward Stacy Fowler	*Cambridge, Mass.*	7 S.
John Milton Fox	*Salem*	15 S.
John Lester Franklin	*New Haven*	106 N.
Henry Sherwood Green	*New Milford*	14 S.
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Amos Lawrence Hatheway	*Willimantic*	12 S.

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James William Hillhouse	*Montville*	27 S.
Henry Hitchcock	*St. Louis, Mo.*	215 D.
Louis Howland	*Indianapolis, Ind.*	149 F.
Frank Eldridge Hyde	*Hartford*	226 D.
Lewis Huntington Hyde	*Norwich*	219 D.
Walter Belknap James	*Baltimore, Md.*	221 D.
Frank Jones	*Kansas City, Mo.*	127 Ward st.
Elisha Brooks Joyce	*New York City*	135 F.
George Morrill Kimball	*Concord, N. H.*	212 D.
Samuel Ayer Kimball	*Bath, Me.*	208 D.
George Washington Kirchwey	*Albany, N. Y.*	139 F.
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Charles Henry Leete	*Potsdam, N. Y.*	140 F.
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Malcolm McIvor McKenzie	*New Haven*	244 Orchard st.
Henry Hubbell McNair	*Lima, N. Y.*	32 S.
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Frank Wanzer Marsh	*New Milford*	7 S.
Thomas Brunton Marston	*Chicago, Ill.*	135 F.
Ivan Matthias Marty	*Kansas City, Mo.*	148 F.
Charles Loveland Merriam	*West Meriden*	17 S.
William Carter Merritt	*Oakland, Cal.*	181 L.
Charles Miller	*Williston, Vt.*	16 S.
George Douglas Munson	*Wallingford*	22 S.
Robert Hallam Munson	*Williamsport, Pa.*	6 S.
Howard Dunlap Newton	*Norwich, N. Y.*	212 D.
Edgar Barlow Nichols	*Easton*	31 S.
Edward McArthur Noyes	*Woodbury*	18 S.
William Newton Parker	*New Haven*	229 D.
Charles Booth Peck	*Bridgeport*	3 S.
Isaac Peck	*Flushing, N. Y.*	149 F.
Charles Rollin Pence	*Peru, Ind.*	151 F.
William Warner Penfield	*New Rochelle, N. Y.*	234 D.
John Orlando Perrin	*La Fayette, Ind.*	228 D.
Lewis Alfred Platt	*Waterbury*	10 S.
Adrian Suydam Polhemus	*Astoria, N. Y.*	13 S.
Thomas Edward Rochfort	*New Haven*	6 S.
Robert Simpson Rodman	*Rock Island, Ill.*	13 S.

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Henry Chauncey Savage	*Philadelphia, Pa.*	464 Chapel st.
William Graydon Seeley	*Brooklyn, N. Y.*	228 D.
Severyn Bruyn Sharpe	*Kingston, N. Y.*	233 D.
Albert William Shaw	*Buffalo, N. Y.*	101 N.
John Woodruff Shepard	*Hartford*	31 S.
Frederic Thomas Simpson	*Bath, Me.*	18 S.
Frederick Sumner Smith	*New Haven*	78 Trumbull st.
George Waldo Flint Smith	*Potsdam, N. Y.*	15 S.
William Henry Smith	*Brooklyn, N. Y.*	156 F.
Alpheus Henry Snow	*Hartford*	219 D.
John George Christopher Sonn	*Newark, N. J.*	106 N.
Edward Southworth	*West Springfield, Mass.*	23 S.
Louis Lee Stanton	*New York City*	230 D.
Thomas Wells Stiles	*New Haven*	221 D.
Frederic Abbot Stokes	*Detroit, Mich.*	28 S.
Willis Edson Story	*Milwaukee, Wisc.*	209 D.
Delevan Sumner Sweet	*Phœnix, N. Y.*	32 S.
Louis Judson Swinburne	*Albany, N. Y.*	238 D.
Louis DuPont Syle	*Baltimore, Md.*	139 F.
Henry James TenEyck	*Albany, N. Y.*	230 D.
Arthur Hutchinson Terry	*Southold, N. Y.*	10 S.
John Taylor Terry	*Irvington, N. Y.*	155 F.
Oliver David Thompson	*Butler, Pa.*	211 D.
Ambrose Tighe	*Brooklyn, N. Y.*	28 S.
James Duncan Torreyson	*Carson City, Nev.*	147 F.
Winston John Trowbridge	*New Haven*	25 S.
Otis Harvey Waldo	*Milwaukee, Wisc.*	209 D.
George Dutton Watrous	*New Haven*	25 S.
Benjamin Webster	*Staten Island, N. Y.*	154 F.
John Theodore Wentworth	*Racine, Wisc.*	151 F.
Holland Stratford Whiting	*New York City*	234 D.
Harry Kellogg Willard	*Washington, D. C.*	152 F.
Samuel Porter Willard	*Colchester*	16 S.
Frederick Wells Williams	*New Haven*	39 College st.
John Eastman Wilson	*Rockville*	162 F.
Mardon Dewees Wilson	*Philadelphia, Pa.*	148 George st.
Mountford Samuel Wilson	*San Francisco, Cal.*	154 F.
Stephen C. Wood	*New York City*	157 F.

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Henry Wilbur Aiken	*Millbury, Mass.*	74 N. M.
William Lafayette Allen, Jr.	*Brooklyn, N. Y.*	165 F.
William Palmer Allen	*Auburn, N. Y.*	464 Chapel st.
John Arnold Amundson	*Rochester, Minn.*	129 F.
Wilmore Anway	*Florida, N. Y.*	69 N. M.
William Cooper Asay	*Chicago, Ill.*	4 S.
Cecil Kent Austin	*Philadelphia, Pa.*	26 S.
Frank Hamilton Ayer	*Nashua, N. H.*	203 D.
William Ransom Barbour	*New Haven*	201 D.
Charles Platt Barker	*Brooklyn, N. Y.*	85 N. M.
William DeLuce Barnes	*Brooklyn, N. Y.*	113 College st.
John Dowd Bassett	*New Haven*	176 F.
Willis Benner	*Astoria, N. Y.*	174 F.
Edward Manross Bentley	*Ellenville, N. Y.*	69 N. M.
Conrad Berens	*Philadelphia, Pa.*	119 N.
William Darius Bishop, Jr.	*Bridgeport*	204 D.
Charles Franklin Bliss	*New Haven*	159 F.
William Bishop Boomer	*Chicago, Ill.*	124 N.
Frank Wilson Booth	*Bennington, Vt.*	65 N. M.
Frederick Brooks	*New York City*	169 F.
George Artemas Brown	*Barre, Mass.*	239 D.
Walter Hull Buell	*Madison*	104 N.
John Edward Bushnell	*Old Saybrook*	104 N.
George Whitfield Butts	*Providence, R. I.*	232 D.
Walter Chauncey Camp	*New Haven*	232 D.
Donald Yorke Campbell	*Oakland, Cal.*	222 D.
Frank Parker Chamberlain	*New York City*	164 F.
Walter Henry Chapin	*Agawam, Mass.*	3 S.
Irving Hall Chase	*Waterbury*	158 F.
George Henry Clark, Jr.	*Hartford*	206 D.
Frank Beach Curtis	*Birmingham*	65 N. M.
William Gibbons Daggett	*New Haven*	163 F.
Elias Wyman Davis	*Worcester, Mass.*	143 F.
William Emery Decrow	*Bangor, Me.*	96 Dwight st.
Arthur Cushing Dill	*New Haven*	118 N.
John Marshall Douglas	*Chicago, Ill.*	213 D.
Andrew Penrose Lusk Dull	*Harrisburg, Pa.*	168 F.
Asa John Farwell	*Hartford*	177 F.
Walter Bixby Ferguson	*North Dixmont, Me.*	36 High st.
Peter Flint	*Port Henry, N. Y.*	85 N. M.
Roscoe Rush Giltner	*Portland, Oregon*	97 N.
Frank Goodrich	*Auburn, N. Y.*	143 F.
Nathaniel Gordon	*Exeter, N. H.*	107 N.
Henry Lee Gower	*New Haven*	309 Orange st.

Digitized by Google

Edmund Frank Green	*Oakland, Cal.*	210 D.
Charles Willard Haines	*Colchester*	I TR.
Edwin Cæsar Malan Hall	*Fair Haven*	183 L.
William Montague Hall	*Ashfield, Mass.*	129 F.
John Slosson Harding	*Wilkes Barre, Pa.*	173 F.
William Hudson Harper	*Washington, D. C.*	235 D.
William Thorn Haviland	*Bridgeport*	204 D.
John Philip Helfenstein	*Shamokin, Pa.*	141 F.
Alfred Edwards Hooker	*New Haven*	163 F.
Charles Adams Holbrook	*North Auburn, Me.*	191 Temple st.
Frank Whetstone Hopkins	*Cincinnati, O.*	231 D.
John Tomlinson Hubbard	*Litchfield*	214 D.
William Colburne Husted	*Brooklyn, N. Y.*	94 York st.
William Forrest Hutchison	*Norwich*	227 D.
William Reynolds Innis	*Poughkeepsie, N. Y.*	201 D.
Walter Jennings	*Fairfield*	169 F.
Frederic William Keator	*Moline, Ill.*	130 F.
Dana William Kellogg	*Hartford*	227 D.
William Swift Keyser	*Milton, Fla.*	489 Chapel st.
Preston King	*Minneapolis, Minn.*	231 D.
Edward Weston Knevals	*Fordham, N. Y.*	158 F.
Samuel Waldron Lambert	*New York City*	159 F.
David Charles Lines	*New Haven*	174 F.
Wilson Cary McHenry	*Baltimore, Md.*	217 D.
Robert DeLosse Martin	*Tiffin, O.*	224 D.
Remsen Varick Messler	*Pittsburgh, Pa.*	489 Chapel st.
James Stetson Metcalfe	*Buffalo, N. Y.*	A.
Simon Charles Metzger	*New Haven*	17 Grove st.
Frederick Stillman Morrison	*Holyoke, Mass.*	108 N.
Thomas Robert Morrow	*Hartford*	103 N.
William D. Murray	*Plainfield, N. J.*	172 F.
John James Nairn	*Washington, D. C.*	138 F.
James Edward Newcomb	*New London*	165 F.
Alfred Bull Nichols	*New Haven*	130 F.
Edward Parish Noyes	*Wilmington, Mass.*	161 F.
Henry Choate Ordway	*Hampstead, N. H.*	239 D.
Norris Galpin Osborn	*New Haven*	203 D.
John Marshall Otis	*Newtown*	80 Prince st.
Wilbur Parker	*Cleveland, O.*	166 F.
Sidney Catlin Partridge	*Brooklyn, N. Y.*	124 N.
LeRoy Bliss Peckham	*Lebanon*	142 F.
William Allison Peters	*Wilkes Barre, Pa.*	173 F.
Smith Franklin Phillips	*East Chatham, N. Y.*	108 N.
John Bliss Porter	*Coventry*	235 D.
William Ansel Purington	*Fairfield, Me.*	36 High st.
William Russell Purple	*Springfield, Mass.*	76 N. M.
Charles Newton Ransom	*Colchester*	I TR.
Horatio McLeod Reynolds	*New Haven*	196 Crown st.

Digitized by Google

Dickinson Woodruff Richards	*Litchfield*	214 D.
Charles Henry Richardson	*Groton, Mass.*	142 F.
Alphonso Paine Sawyer	*Millbury, Mass.*	74 N. M.
Doremus Scudder	*Brooklyn, N. Y.*	237 D.
Jay Webber Seaver	*Craftsbury, Vt.*	76 N. M
Robert William Selden	*Brandon, Vt.*	73 N. M.
Samuel Swanton Sewall	*Bath, Me.*	206 D.
John Foster Shepley	*St. Louis, Mo.*	168 F.
Charles Langdon Sherman	*Castleton, Vt.*	161 F.
William Hazard Sherman	*Providence, R. I.*	73 N. M.
Frederick Platt Skinner	*Owego, N. Y.*	113 N.
Charles Robert Smith	*Green Spring, O.*	210 D.
Frederic Morse Smith	*Hartford*	123 N.
Grant Alexander Smith	*Milwaukee, Wisc.*	216 D.
Edward Curran Spencer	*St. Paul, Minn.*	166 F.
Frank Otho Spencer	*Cleveland, O.*	202 D.
Presley Spruance	*Wilmington, Del.*	26 S.
Max Stern	*Hartford*	103 N.
Harry Waters Taft	*Cincinnati, O.*	218 D.
John Butler Coles Tappan	*Glen Cove, N. Y.*	175 F.
Frederick Charles Train	*Pomeroy, O.*	220 D.
Henry Trowbridge, Jr.	*New Haven*	160 F.
Stephen Trumbull	*Valparaiso, Chili*	74 High st.
Eugene Winston Walker	*Richmond, Ky.*	217 D.
Wirt Dexter Walker	*Chicago, Ill.*	213 D.
Arthur Eugene Walradt	*Chester, Mass.*	164 F.
Paul Walton	*Ridgewood, N. J.*	202 D.
Edwin Carrington Ward	*Farmington*	177 F.
James Herbert Watson	*Brooklyn, N. Y.*	237 D.
David Collin Wells	*Fayetteville, N. Y.*	224 D.
TenEyck Wendell	*Cazenovia, N. Y.*	220 D.
Frank Henry Wheeler	*Fair Haven*	27 S.
Wilson Curtiss Wheeler	*New Haven*	105 Dwight st.
George Dana White	*New York City*	3 S.
Heman Charles Whittlesey	*Newington*	123 N.
Lawrence Wilkinson	*Greenwich*	176 F.
Walter Crafts Witherbee	*New York City*	218 D.
John Francis Woodhull	*Groton*	183 L.
Timothy Lester Woodruff	*Brooklyn, N. Y.*	138 F.
Frank Alexander Wright	*Goshen, N. Y.*	4 S.
Charles Pemberton Wurts, Jr.	*New Haven*	113 N.

JUNIORS, 134

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SOPHOMORE CLASS

Frederic Adler	*Milwaukee, Wisc.*	120 W.
Edwin Edgerton Aiken	*Rutland, Vt.*	192 C.
Benjamin Wisner Bacon	*Norwich*	247 Church st.
John Hampton Barnes	*Pittsburgh, Pa.*	43 S. M.
Danford Newton Barney	*Farmington*	68 W.
Philip Golden Bartlett	*Washington, D. C.*	101 W.
Albert Butler Beadle	*Philadelphia, Pa.*	59 S. M.
Russell Anson Bigelow	*West Brattleboro', Vt.*	40 Sylvan av.
Arthur Elmore Bostwick	*Litchfield*	116 N.
John Eliot Bowen	*Brooklyn, N. Y.*	101 W.
Edward Paul Brandt	*Farmington*	82 N. M.
William James Brewster	*Birmingham*	523 Chapel st.
William Joseph Brewster	*New Haven*	100 W.
Walter Ray Bridgman	*Syracuse, N. Y.*	191 C.
Otis Hayford Briggs	*Auburn, Me.*	189 C.
Isaac Bromley	*New Haven*	218 Orange st.
Herbert Stanley Brown	*South Norwalk*	146 College st.
Joseph Dunn Burrell	*Freeport, Ill.*	191 C.
Daniel Arthur Carpenter	*Afton, N. Y.*	116 N.
Clarence Franklin Carroll	*New Haven*	109 York st.
William Churchill	*Mont Clair, N. J.*	68 N. M.
Harry Quinton Cleneay	*Cincinnati, O.*	42 S. M.
Charles Porter Coffin	*Batavia, Ill.*	194 C.
John Caldwell Coleman	*New York City*	186 C.
John Burnett Collins	*St. Joseph, Mo.*	40 S. M.
Howard Junior Curtiss	*Stratford*	187 C.
Frederick Orren Darling	*New York City*	57 S. M.
Julius Barnes Day	*Bridgeport*	193 C.
Joseph Benjamin Dimmick	*Honesdale, Pa.*	46 S. M.
Ephraim Williams Dixon	*Brooklyn, N. Y.*	45 S. M.
John Mowe Drysdale	*West Meriden*	17 S.
Henry Strong Durand	*Rochester, N. Y.*	251 Church st.
John Stewart Durand	*Rochester, N. Y.*	251 Church st.
Charles Abbott Schneider Dwight	*Englewood, N. J.*	186 C.
Waldo Chapin Eames	*Providence, R. I.*	42 S. M.
Levi Abraham Eliel	*Chicago, Ill.*	43 College st.
James Richard Ely	*New York City*	71 W.
Cyrus Emery	*New Haven*	66 N. M.
Edward Thomas Evans	*Pittsburgh, Pa.*	85 Court st.
Sherman Evarts	*New York City*	71 W.
Harry Rupert Ewing	*Pittsburgh, Pa.*	65 W.
Frank Miller Fargo	*Chicago, Ill.*	114 N.
Paul James Fenn	*New Haven*	174 Orange st.
George Park Fisher, Jr.	*New Haven*	27 Hillhouse av.
Nathaniel Campbell Fisher	*New York City*	201 Orange st.

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Grant Fitch	*Milwaukee, Wisc.*	38 S. M.
Robert Wasson Forbes, Jr.	*Brooklyn, N. Y.*	6 Library st.
Charles Joseph French	*Evanston, Ill.*	61 S. M.
Abraham Lincoln Frisch	*Milwaukee, Wisc.*	91 N. M.
Philo Carroll Fuller	*Grand Rapids, Mich.*	47 S. M.
Henry Parsons Garland	*Biddeford, Me.*	75 N. M.
Charles Tiffany Gilbert	*Birmingham*	523 Chapel st.
Edward Hooker Gilbert	*Ware, Mass.*	40 S. M.
Edward Graves	*New Haven*	87 Wall st.
William Milne Grinnell	*New York City*	90 High st.
Freeman Clark Griswold	*Greenfield, Mass.*	63 W.
Nathaniel Taylor Guernsey	*Dubuque, Iowa*	71 N. M.
Webster Hakes	*Norwich*	190 C.
John Dixon Hall	*Norwich*	55 S. M.
Reuben Post Hallock	*Rocky Point, N. Y.*	50 S. M.
William Lammon Harkness	*Bellevue, O.*	53 S. M.
Ernest Eldred Hart	*Council Bluffs, Iowa*	38 S. M.
Louis Bevier Hasbrouck	*Rondout, N. Y.*	233 D.
Charles Burnell Hawkes	*New Haven*	65 Martin st.
Louis Condit Hay	*New York City*	59 S. M.
Charles Arthur Heald	*Orange, N. J.*	6 Library st.
Frederic Duncan Helmer	*Pike, N. Y.*	81 N. M.
Aubrey DeVere Hiles	*Milwaukee, Wisc.*	72 N. M.
Cyrus Foss Hill	*New Haven*	183 George st.
William Burr Hill	*New Haven*	183 George st.
Robert Clark Hine	*Stamford*	87 N. M.
Roderick Whittelsey Hine	*Lebanon*	57 S. M.
Henry Hitchings	*Gravesend, N. Y.*	87 N. M.
Charles Wittenberg Holzheimer	*Elmira, N. Y.*	489 Chapel st.
George Henry Hubbard	*Woodmont*	171 Wooster st.
George Edward Ide	*Brooklyn, N. Y.*	68 W.
James Warren Ingalls	*Putnam*	190 C.
George Snow Isham	*Chicago, Ill.*	54 S. M.
Henry Ives	*New Haven*	46 S. M.
Henry Pierson Johnes	*Newburgh, N. Y.*	39 S. M.
Edward Fairfield Jones	*Wilton*	64 S. M.
George Marsh Judd	*Newtown*	60 S. M.
Benjamin Bissell Lamb	*Chicago, Ill.*	37 S. M.
James Leighton	*Glenburn, Pa.*	162 Meadow st.
Solon Carl Frederick Leonhæuser	*Pittsburgh, Pa.*	97 N.
Allen Bennett Lincoln	*Willimantic*	187 C.
Frank Newton Loomis	*Granby*	193 C.
William Maltby Lovering	*Taunton, Mass.*	48 S. M.
Frank Benjamin Lucas	*Poquetannock*	177 Chapel st.
Calvin Stewart McChesney	*Pittstown, N. Y.*	100 N.
Richard Hays McDonald	*San Francisco, Cal.*	53 Insurance B'ld'g.
John Ryan McKee	*Pittsburgh, Pa.*	64 S. M.
Daniel Walton McMillan	*Mount Pleasant, Pa.*	44 S. M.

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Frederick Arnold Manning	*Brooklyn, N.Y.*	65 W.
John Wesley Manning	*Fair Haven*	20 S.
John Francis Merrill	*Rutland, Vt.*	53 S. M.
Albert Henry Moulton	*Kittery, Me.*	75 N. M.
Thaddeus Halsted Myers	*Yonkers, N. Y.*	63 W.
William Wilson Kirchhofer Nixon	*Chicago, Ill.*	54 S. M.
James Edward O'Donnell	*Pittsburgh, Pa.*	202 Elm st.
Thomas Burr Osborne	*New Haven*	156 Crown st.
Sheldon Pharis Patterson	*Chicago, Ill.*	114 N.
Richard Augustus Peabody	*New York City*	37 S. M.
William Emerson Peck	*New Britain*	92 N. M.
Frederick Pickersgill	*Pittsburgh, Pa.*	39 S. M.
Wilson Howard Pierce	*Brookfield Center*	66 N. M.
Leonard Hayes Poole	*Baltimore, Md.*	64 W.
George Barclay Preston	*Pittsburgh, Pa.*	43 S. M.
Francis Esty Rice	*Framingham, Mass.*	33 S. M.
Harris Richardson	*Janesville, Wisc.*	489 Chapel st.
Arthur Heyward Ripley	*Brooklyn, N.Y.*	49 Grove st.
Lawrence Rolfe	*Auburn, Me.*	72 N. M.
Charles Burton Schram	*Milwaukee, Wisc.*	91 N. M.
Frederick Seymour	*Whitney's Point, N.Y.*	88 N. M.
James Sheldon	*New York City*	124 High st.
George Bliss Silliman	*East Haddam*	56 S. M.
Edward Lewis Simonds	*New Orleans, La.*	60 S. M.
John Clark Smith	*New Haven*	374 George st.
William Francis Smith	*Colebrook*	81 N. M.
Henry Hezekiah Sprague	*Newark, O.*	62 W.
Henry Stuart Stearns	*Hartford*	74 High st.
Frederic Haile Stebbins	*Springfield, Mass.*	92 N. M.
Arthur Griffin Stedman	*New York City*	44 S. M.
Willis Betts Sterling	*Cleveland, O.*	48 S. M.
Isaac Thomas	*West Chester, Pa.*	189 George st.
Norman Frederick Thompson	*Rockford, Ill.*	63 S. M.
Francis Herbert Tichenor	*Parishville, N. Y.*	100 N.
Edward Staats DeGrote Tompkins	*Kinderhook, N.Y.*	489 Chapel st.
Henry Nelson Tuttle	*Chicago, Ill.*	62 S. M.
Edward Lambert Twombly	*Boston, Mass.*	188 C.
Edwin Stewart Underhill	*Bath, N.Y.*	56 S. M.
Adrian Sebastian Van de Graaff	*Los Angeles, Cal.*	71 N. M.
Frederic Richardson Vernon	*Brooklyn, N.Y.*	88 N. M.
Howard Talbot Walden	*Brooklyn, N.Y.*	45 S. M.
William Reid Walker	*Skull Shoals, S. C.*	149 Chapel st.
George Martin Wallace	*Wallingford*	98 N.
Pinckney Alston Waring	*Savannah, Ga.*	33 S. M.
Everett Warren	*Scranton, Pa.*	51 Howe st.
George Wakeman Wheeler	*Hackensack, N. J.*	187 C.
Sherman Leland Whipple	*New London, N. H.*	188 C.
Arthur Eli White	*New York City*	64 W.

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Henry Charles White	*Vernon, N. Y.*	192 C.
Lasell Hayden White	*W. Richmondville, N. Y.*	494 Chapel st.
Charles Octavius Whitmore	*Farmington*	127 Crown st.
George Woolsey	*New Haven*	250 Church st.
Edward Welton Young	*New Haven*	159 Bradley st.
James Edwin Zunts	*New Orleans, La.*	107 York st.

SOPHOMORES, 147

FRESHMAN CLASS

Frank Frost Abbott	*Redding*	196 Crown st.
John Lanson Adams	*Westport*	126 N.
James Ferguson Allen	*New Haven*	251 Church st.
Martin Smith Allen	*Brooklyn, N. Y.*	153 Crown st.
Selden Bacon	*Norwich*	133 York st.
Walter Irving Badger	*Boston, Mass.*	109 York st.
William Elder Bailey	*Harrisburg, Pa.*	489 Chapel st.
Harry Rudolph Baltz	*Philadelphia, Pa.*	162 York st.
Erwin Hinckley Barbour	*Oxford, O.*	71 York st.
Henry Weldon Barnes	*Pittsburgh, Pa.*	77 York st.
William Woodward Barrow	*New York City*	41 High st.
Ira Barrows	*North Attleboro', Mass.*	464 Chapel st.
Floyd Julius Bartlett	*Warsaw, N. Y.*	73 York st.
Mortimer Stratton Bate	*Brooklyn, N. Y.*	153 Crown st.
Robert Parker Bates	*Bennington, Vt.*	127 N.
Morgan Hawley Beach	*Alexandria, Va.*	126 York st.
Cyrus Bentley, Jr.	*Chicago, Ill.*	494 Chapel st.
Charles Kingsbury Billings	*New York City*	94 Grove st.
Lewis Olie Billings	*Chicago, Ill.*	165 Temple st.
Julius Washburn Bliss	*South Hadley Falls, Mass.*	72 High st.
Charles Edward Blumley	*Norwich*	8 Lock st.
George Shepard Boltwood	*Hartford*	59 Wall st.
Benjamin Brewster	*New Haven*	100 W.
Ferree Brinton	*Philadelphia, Pa.*	126 York st.
Nathaniel Richardson Bronson	*Waterbury*	547 Chapel st.
Edward Melancthon Brooks	*Fall River, Mass.*	489 Chapel st.
Wayland Irving Bruce	*Poughkeepsie, N. Y.*	95 N. M.
Charles Winslow Burpee	*Rockville*	125 N.
Robert Camp	*Milwaukee, Wisc.*	519 Chapel st.
James Alexander Campbell	*St. Louis, Mo.*	41 College st.
William Mearns Carswell	*Highland Falls, N. Y.*	96 N. M.
George Stuart Carter	*New York City*	74 High st.
Charles Blackwell Case	*Three Bridges, N. J.*	525 Chapel st.
Livingston Reade Catlin	*New York City*	175 Oak st.

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Francis Lewis Clark	*Bangor, Me.*	146 College st.
Frederick William Clark	*Agawam, Mass.*	193 George st.
Stephen Merrill Clement	*Buffalo, N. Y.*	101 N.
Gilbert Colgate	*Orange, N. J.*	152 York st.
Charles Farnham Collins	*Newport, R. I.*	94 W.
Robert Browning Corey	*Elmira, N. Y.*	489 Chapel st.
Edwin Bradford Cragin	*Colchester*	112 N.
Bryan Cumming	*Augusta, Ga.*	114 High st.
George Edward Curtis	*Birmingham*	104 Howe st.
Theodore DeWitt Cuyler	*Philadelphia, Pa.*	162 York st.
Willard Anthony Davis	*Boston, Mass.*	110 Olive st.
Edgar Augustus DeWitt	*Rockland, Mass.*	64 High st.
Arthur Mortimer Dickinson	*Waterbury*	70 Howe st.
Edwin Lynde Dillingham	*Bangor, Me.*	149 College st.
Joseph Richardson Dilworth	*Pittsburgh, Pa.*	77 York st.
Charles Gibbons Douw	*Poughkeepsie, N. Y.*	9 Library st.
Franklin Maynard Eaton	*St. Stephens, N. B.*	489 Chapel st.
William Phelps Eno	*New York City*	48 College st.
Frank Cooley Farwell	*Chicago, Ill.*	464 Chapel st.
Augustine FitzGerald	*Litchfield*	120 Crown st.
Henry Titus Folsom	*Orange, N. J.*	152 York st.
Carlton Alexander Foote	*New Haven*	347 Howard av.
Wilbur Harvey Nash Ford	*Milford*	25 Park st.
William Fosdick	*Stamford*	464 Chapel st.
Burnside Foster	*Boston, Mass.*	116 W.
Asa Palmer French	*Braintree, Mass.*	109 York st.
Joseph Emanuel Friend	*Milwaukee, Wisc.*	494 Chapel st.
Harry Chambers Fries	*Philadelphia, Pa.*	162 York st.
Frank Runyon Gallaher	*New Haven*	529 Chapel st.
Henry Washburn Gardes	*New Orleans, La.*	9 Library st.
Charles Francis Gardner	*Sacramento, Cal.*	64 High st.
Frank Forrest Giltner	*Portland, Or.*	
Charles Burr Graves	*New London*	41 High st.
George Heber Graves	*New Haven*	87 Wall st.
Chauncey Milton Griggs	*St. Paul, Minn.*	110 N.
Herbert Stanton Griggs	*St. Paul, Minn.*	110 N.
Alfred Chapman Hand	*Honesdale, Pa.*	94 N. M.
Charles William Harkness	*Cleveland, O.*	133 York st.
George Edward Haskell	*New Bedford, Mass.*	244 Crown st.
James Smith Havens	*Weedsport, N. Y.*	35 High st.
Charles Samuel Hebard	*Williamsport, Pa.*	458 Chapel st.
Theodore Holland	*New York City*	155 Elm st.
Samuel Cornell Hopkins	*Catskill, N. Y.*	63 S. M.
Charles Goodrich Hower	*Cleveland, O.*	464 Chapel st.
Philip Parley Hubbard	*Litchfield*	78 N. M.
Louis Kossuth Hull	*New Haven*	80 N. M.
Henry Clarke Jefferds	*Bangor, Me.*	149 College st.
Barclay Johnson	*New York City*	56 W.

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Frank Albert Kellogg	*New Haven*	10 York sq.
John Prescott Kellogg	*Waterbury*	464 Chapel st.
James Henry Kingman	*New Bedford, Mass.*	244 Crown st.
David Kinlay, Jr.	*Andover, Mass.*	78 N. M.
Alfred Beard Kittredge	*East Jaffrey, N. H.*	35 High st.
Howard Hoyt Knapp	*South Norwalk*	80 N. M.
Charles Henry Lewis	*Naugatuck*	95 N. M.
Tun Yen Liang	*Kwang Tong, China*	111 N.
William Levi Littlehales	*Pottsville, Pa.*	525 Chapel st.
Charles Gleason Long	*Amesbury, Mass.*	64 High st.
Charles Jonas Long	*Wilkes Barre, Pa.*	7 Library st.
Seymour Crane Loomis	*Suffield*	305 Orange st.
Martin Lovering	*Harvard, Mass.*	99 N.
Fred. Messenger Lowe	*Fitchburg, Mass.*	148 F.
Chester Wolcott Lyman	*New Haven*	88 Trumbull st.
Enoch Wilber McBride	*Goshen, N. Y.*	126 High st.
William Holmes McGuffey	*Cincinnati, O.*	111 N.
Harry Chapman McKnight	*Ellington*	9 Park st.
Isaac Merritt	*Ramsey's, N. J.*	64 High st.
George Brooke Miller	*Sandy Spring, Md.*	41 High st.
John Craig Miller	*Newburgh, N. Y.*	56 W.
Herbert Lyman Moodey	*Brooklyn, N. Y.*	147 York st.
Charles Newton Morris	*West Hartford*	109 N.
George Wells Morrison	*Thompsonville*	79 N. M.
John Hollister North	*New Haven*	138 Chapel st.
Arthur Sherwood Osborne	*New Haven*	156 Crown st.
Frank Edward Page	*Bath, Me.*	127 N.
Josiah Culbert Palmer	*Brooklyn, N. Y.*	81 York st.
William Scranton Pardee	*New Haven*	327 George st.
Maxwell Parke	*Pittston, Pa.*	128 High st.
Peter Parker, Jr.	*Washington, D. C.*	198 Crown st.
William Henry Parsons, Jr.	*Rye, N. Y.*	38 High st.
Chauncey Howard Pember	*Rockville*	128 N.
Walter Gillespie Phelps	*Windsor*	170 George st.
Richard Henry Pierce	*Hopkinton, Mass.*	128 N.
Harry Barstow Platt	*Owego, N. Y.*	126 High st.
William Pollock	*Pittsfield, Mass.*	74 High st.
David Boies Porter	*Rye, N. Y.*	112 N.
Edward Pascal Pratt	*Buffalo, N. Y.*	198 Crown st.
Julius Howard Pratt, Jr.	*Mont Clair, N. J.*	96 N. M.
Robert Camp Price	*Cincinnati, O.*	519 Chapel st.
William Manning Pryne	*Warner's, N. Y.*	126 N.
James Quackenbush Rice	*Hartford*	79 N. M.
Charles Edward Richards	*Keene, N. H.*	94 N. M.
George Parker Richardson	*Bath, Me.*	93 N. M.
John Rossiter	*North Guilford*	305 Elm st.
Joseph Hinesford Rylance	*New York City*	109 Elm st.
Amasa Wright Saltus	*Brooklyn, N. Y.*	152 York st.

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Henry Byron Sanderson	*Milwaukee, Wisc.*	519 Chapel st.
Daniel Sammis Sanford	*Redding Ridge*	196 Crown st.
James Clark Sanford	*Palmyra, N. Y.*	36 High st.
Edward Bartow Sargent	*Cincinnati, O.*	77 York st.
Charles Edward Schuyler	*New York City*	162 York st.
Arthur Scranton	*Scranton, Pa.*	494 Chapel st.
Charles Locke Scudder	*Great Barrington, Mass.*	126 Crown st.
Oscar Trufant Sewall	*Bath, Me.*	93 N. M.
William Seymour	*Newington*	84 N. M.
David Eliot Shelton	*Bridgeport*	77 N. M.
Caleb Wright Shipley	*Cincinnati, O.*	222 Crown st.
Levi Ives Shoemaker	*Wilkes Barre, Pa.*	114 College st.
Edward Vernon Silver	*Brooklyn, N. Y.*	120 Chapel st.
Lewis Mann Silver	*Brooklyn, N. Y.*	120 Chapel st.
Clarence Austin Smith	*Birmingham*	90 N. M.
Edward Eugene Smith	*Hartford*	90 N. M.
Frank Hiram Snell	*Washington, D. C.*	198 Crown st.
Henry Speke Snyder	*Philadelphia, Pa.*	305 Elm st.
Charles Stillman	*New York City*	458 Chapel st.
Horatio Odell Stone	*Chicago, Ill.*	464 Chapel st.
Charles Bigelow Storrs	*New York City*	458 Chapel st.
Charles Sumner	*Canton, Mass.*	464 Chapel st.
Howard Peck Sweetser	*New York City*	114 High st.
Frank Corning Tanner	*Norwich*	8 Lock st.
Bernard Titche	*New Orleans, La.*	133 York st.
Frank Brodhead Tracy	*Brooklyn, N. Y.*	208 Elm st.
Joseph Parker Trowbridge	*New Haven*	121 Meadow st.
Henry Trumbull	*Chicago, Ill.*	464 Chapel st.
Will Loujeay VanKirk	*Pittsburgh, Pa.*	77 York st.
William Grandin Vought	*Buffalo, N. Y.*	126 York st.
Tracy Waller	*New London*	41 High st.
Daniel B. Weaver	*Lancaster, Pa.*	35 High st.
Carl Gustav Weber	*Cleveland, O.*	464 Chapel st.
Edward Odell Weed	*New York City*	74 High st.
Archibald Ashley Welch	*Hartford*	109 N.
John Lewis Welles	*Fayetteville, N. Y.*	64 High st.
Martin Welles	*Newington*	84 N. M.
Thomas McDonnell Wentworth	*Racine, Wisc.*	73 Howe st.
Joseph Ernest Whitney	*Cornwall*	125 N.
Emmet Smith Williams	*West Meriden*	170 George st.
Harry Lucien Williams	*Northampton, Mass.*	126 High st.
Franklin Eldred Worcester	*Albany, N. Y.*	134 College st.
Arthur Bethuel Wright	*New Haven*	146 York st.
Paul Wright	*New Haven*	146 York st.

FRESHMEN, 174

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SHEFFIELD SCIENTIFIC SCHOOL

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JOHN E. CLARK, M.A.
DANIEL C. EATON, M.A.
THOMAS R. LOUNSBURY, B.A.
OTHNIEL C. MARSH, M.A.
FRANCIS A. WALKER, PH.D.
OSCAR D. ALLEN, PH.D.
ADDISON E. VERRILL, M.A.
SIDNEY I. SMITH, PH.B.
WILLIAM G. MIXTER, PH.B.
A. JAY DU BOIS, PH.D.

ADDITIONAL INSTRUCTORS

ALBERT S. WHEELER, M.A.
FREDERIC R. HONEY
JOSEPH J. SKINNER, PH.D.
A. HJALMAR EDGREN, PH.D.
JOSEPH F. KLEIN, D.E.
GEORGE W. HAWES, PH.B.
JAMES F. COLBY, M.A.
SAMUEL L. PENFIELD, PH.B.
WILLIAM T. SEDGWICK, PH.B.
WALTER WATSON

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GRADUATE STUDENTS

William Whittlesey Abbott, PH.B.	*New Haven*	257 Church st.
Frank Dawson Adams, B.S. McGill University	*Montreal*	26 Trumbull st.
Henry Prentiss Armsby, PH.B.	*New Haven*	206 York st.
John Pomeroy Bartlett, PH.B.	*New Britain*	16 S. H.
John Luis Blackmore, PH.B.	*City of Mexico, Mexico*	40 Park st.
Thomas Marcus Blakslee, PH.B. Madison University	*Hamilton, N. Y.*	14 Compton st.
Walter Linsley Cowles, PH.B.	*Wallingford*	Wallingford
Frederic Henry Crafts, M.A. Dartmouth College	*Uncasville*	35 High st.
Frederic Perkins Dewey, PH.B.	*Hartford*	87 Olive st.
William Ely, PH.B. Brown University	*Providence, R. I.*	35 Hillhouse av.
Augustus James Emery, PH.B.	*Bangor, Me.*	675 Chapel st.
Edward Hopkins Jenkins, B.A.	*New Haven*	206 York st.
Joseph Frederick Klein, D.E.	*New Haven*	86 Nichols st.
Arthur Lakes, B.A. Oxford University	*Golden, Col.*	92 High st.
Nawokichi Matsui, PH.B. Columbia College	*Tokio, Japan*	59 Wall st.
James Boyd Neal, B.A.	*Bloomsburg, Pa.*	6 Library st.
Samuel Lewis Penfield, PH.B.	*Catskill, N. Y.*	14 S. H.
Richard Rathbun, Cornell University	*Buffalo, N. Y.*	N. S. H.
Alfred Lawrence Ripley, B.A.	*Andover, Mass.*	123 W.
Edward Hubbard Russell, PH.B.	*New Haven*	19 Wooster pl.
William Thompson Sedgwick, PH.B.	*Farmington*	14 S. H.
Benjamin Thaw, B.A. Western Univ. of Pa.	*Pittsburgh, Pa.*	171 Crown st.
John Trumbull, B.A.	*Valparaiso, Chili*	124 High st.
Horace Lemuel Wells, PH.B.	*New Britain*	47 N. S. H.
Samuel W. Williston, B.A. Kansas Agric. College	*Manhattan, Kan.*	92 High st.
Edmund Beecher Wilson, PH.B.	*Geneva, Ill.*	523 Chapel st.
		GRADUATES, 26

NOTE—These names have been already given in the list of Graduate Students on page 22.

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SENIOR CLASS

Frederick Innis Allen	*Auburn, N. Y.*	33 Prospect st.
Harry Washington Asher	*New Haven*	6 Orange st.
William Montgomery Atwater	*New Haven*	161 George st.
Charles Ketchum Averill	*Bridgeport*	128 High st.
Nathaniel Terry Bacon	*Norwich*	247 Church st.
Samuel Eben Barney	*New Haven*	110 Olive st.
George Frederick Hunter Bartlett	*Buffalo, N. Y.*	156 York st.
Joseph Bidleman Bissell	*Lakeville*	156 York st.
Malcom Booth	*South Kingston, R. I.*	17 Wooster pl.
Frederick Burr Clemmons	*New Haven*	162 Putnam st.
William James Comstock	*Toledo, O.*	37 College st.
Albert William Congdon	*Brooklyn, N. Y.*	120 Crown st.
John Howard Cromwell	*Cranford, N. J.*	156 York st.
Charles Thompson Dodd	*West Meriden*	156 York st.
Arthur Dodge	*Stamford*	156 York st.
George Clarence Egan	*Chicago, Ill.*	36 Elm st.
Emerson Young Foote	*New Haven*	156 York st.
Norman Norton Fowler	*Agawam, Mass.*	147 York st.
John Currier Gallagher	*New Haven*	21 Olive st.
Jonathan Godfrey	*Southport*	156 York st.
Frank Hanson Harrison	*Indianapolis, Ind.*	117 w.
Gerald Waldo Hart	*New Britain*	33 Prospect st.
Harry Dudley Hibbard	*Woodside, N. Y.*	134 College st.
Frank Hillhouse	*New Haven*	3 Hillhouse av.
Charles DeVilliers Hoard	*Chicago, Ill.*	122 York st.
Charles Perry Hull	*Lebanon*	128 High st.
John Jewett	*New York City*	131 Temple st.
Frederick Augustus Jones	*Newark, N. J.*	156 York st.
Alfred Dennis Lewis	*Bridgeport*	156 York st.
George Walker Meeker	*Chicago, Ill.*	131 Temple st.
Kakichi Mitsukuri	*Tokio, Japan*	130 York st.
John Moorhead	*Pittsburgh, Pa.*	165 Temple st.
Edward Delavan Nelson	*New York City*	55 Trumbull st.
Walter Nordhoff	*Alpine, N. J.*	73 w.
Frederick Wallace Paramore	*St. Louis, Mo.*	36 Elm st.
Robert Wilson Patrick	*Omaha, Nebr.*	79 York st.
Harold Roorbach	*New York City*	104 Grove st.
Edward Rupert Sargent	*New Haven*	51 Elm st.
George Augustus Saunders	*Newport, R. I.*	187 Temple st.
William Seth Silsby	*Seneca Falls, N. Y.*	36 Elm st.
Rufus Henry Skeel	*Newburgh, N. Y.*	156 York st.
Herbert Eugene Smith	*Harwora*	187 Temple st.
Thaddeus Henry Spencer	*Suffield*	147 York st.
Isaiah Kidder Stetson	*Bangor, Me.*	156 York st.
Daniel Eddie Stone	*Cleveland, O.*	136 Crown st.

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Arthur Stoddard Van Voorhis	*New York City*	55 Trumbull st.
John Thomas Waring	*Yonkers, N. Y.*	136 Crown st.
Albert Lowery Webster	*Staten Island, N. Y.*	86 w.
Charles Seward Wilcox	*Painesville, O.*	145 York st.
Walter Smith Williams	*Evanston, Ill.*	36 Elm st.

SENIORS, 50

JUNIOR CLASS

Daniel Sidney Appleton	*New York City*	55 Trumbull st.
Charles Rufus Ayres	*Woodmont*	156 York st.
Charles Backus Ball	*New Britain*	32 Mansfield st.
Rogers Clark Ballard	*Louisville, Ky.*	132 College st.
Edward Hallaran Booth	*New Orleans, La.*	25 Prospect st.
Hartman Bache Borie	*Philadelphia, Pa.*	156 York st.
Harry Banning Bradford	*Wilmington, Del.*	60 w.
Harry Osborn Carrington	*New Haven*	527 Chapel st.
Joseph Arthur Chanute	*New York City*	58 w.
George Huntington Clark	*Norwich*	19 Trumbull st.
Arthur Baylies Coffin	*Edgartown, Mass.*	167 Temple st.
Edward Allen Colby	*St. Johnsbury, Vt.*	7 Library st.
Frank McAlpine Collin	*Penn Yan, N. Y.*	27 Prospect st.
Peter Franklin Conway	*New Haven*	117 Washington st.
Charles Mabie Crouse	*Syracuse, N. Y.*	36 Elm st.
Thomas Edward Doolittle	*Onarga, Ill.*	36 Elm st.
Jacob Edward Emery	*Fair Haven*	17 Crown st.
William Henry Fox	*Washington, D. C.*	25 Prospect st.
George Edward Goodspeed	*East Haddam*	115 Greene st.
John Warren Hardenbergh	*Jersey City, N. J.*	66 w.
Samuel Higgins	*Buffalo, N. Y.*	134 College st.
Louis Maynard Higginson	*Newburgh, N. Y.*	61 w.
Walter Hitchcock	*Cheshire*	19 Trumbull st.
Theodore Lanahan Hooper	*Baltimore, Md.*	169 Temple st.
Colin Macrae Ingersoll	*New Haven*	85 Trumbull st.
Martin Edward Jensen	*Cleveland, O.*	64 High st.
David Brown Lewis	*Utica, N. Y.*	86 w.
Ernest Theophilus Liefeld	*New Haven*	36 Orchard st.
Richard Becker Lyon	*New Haven*	710 Chapel st.
Willey Solon McCrea	*Chicago, Ill.*	36 Elm st.
Edwin Kirtland Morse	*Poland, O.*	A.
Carl Eugene Munger	*Watertown*	27 Prospect st.
Edward Butler Needham	*Hartford*	36 Elm st.
Frederic Adriance Osborn	*New Haven*	150 York st.
George Benjamin Phelps, Jr.	*Watertown, N. Y.*	36 Elm st.
Dwight Porter	*Hartford*	14 Lock st.

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Edgar Sheffield Porter	*New Haven*	38 Hillhouse av.
Edward Freeman Porter	*Stowe, Vt.*	23 Prospect st.
Edward Vilette Reynolds	*Chicago, Ill.*	104 Grove st.
Edwin McNeil Rogers	*Central City, Col.*	58 w.
George Bliss Rogers	*Lexington, Mass.*	36 Elm st.
Isaac Marion Rosenthal	*Rochester, N. Y.*	35 Howe st.
William Bartlett Schofield	*West Point, N. Y.*	48 College st.
Henry Starkweather	*New Haven*	178 Oak st.
Elliott Joseph Stoddard	*Seymour*	52 Whalley av.
Schuyler VanVechten	*Albany, N. Y.*	55 Trumbull st.
Adrian Rowe Wadsworth	*Farmington*	165 Temple st.
William Candee Warren	*Buffalo, N. Y.*	61 w.
Adolph Frederic Wehner	*New Haven*	544 Chapel st.
George Goodwin Williams	*Glastonbury*	60 w.
Arthur Burnham Woodford	*West Winsted*	116 College st.

JUNIORS, 51

FRESHMAN CLASS

Charles Francis Adams	*Jessups, Md.*	87 Olive st.
Ethan Allen Andrews	*Tarrytown, N. Y.*	Elm st.
George Jackson Angell	*Brooklyn, N. Y.*	167 Temple st.
Arthur Dean Bevan	*Chicago, Ill.*	43 College st.
Frank Lewis Bigelow	*New Haven*	278 Orange st.
George Frederick Bosworth	*Milford*	518 State st.
Seymour Perry Bradley	*Westville*	Elm st. Westville
Lester Paige Breckenridge	*Westfield, Mass.*	114 High st.
Charles Sheldon Burnham	*Woodbridge*	29 Prospect st.
Charles Monroe Carpenter, Jr.	*Brooklyn, N. Y.*	123 Park st.
Frederick Casper	*West Meriden*	14 Olive st.
Charles Chamberlain	*Brooklyn, N. Y.*	167 Temple st.
Howard Field Chappell	*Chicago, Ill.*	43 College st.
George Strong Daniels	*New York City*	64 High st.
Harry Sprague Davidson	*San Francisco, Cal.*	432 Chapel st.
John Devereux	*Cleveland, O.*	257 Church st.
Charles Manville Downs	*New Haven*	92 Greene st.
Oliver Winchester Dye	*New Haven*	194 Prospect st.
John Slade Ely	*New York City*	59 w.
George Sherman Folsom	*Northford*	161 George st.
Seymour Francis Frasick	*Hartford*	99 Wall st.
Albert Moses Gerstle	*Youngstown, O.*	6 Orange st.
William Creighton Giles	*Southport*	84 Wall st.
Henry Holbrook Gladding	*New Haven*	90 Dwight st.
Edward Leeds Goodsell	*New Haven*	6 High st.
William Loomis Griswold	*Banksville*	127 Whalley av.
Frederic Jonathan Hiller	*Cohoes, N. Y.*	59 w.

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Edwin Augustus Hotchkiss	*New Haven*	69 York st.
Frank Allison Hubbard	*Sandusky, O.*	123 Park st.
Blain Jamison	*New Orleans, La.*	165 Temple st.
William Fowler Jarvis, Jr.	*New York City*	132 College st.
Jeme Tien Yow	*Canton, China*	136 College st.
James Eliphalet Killam	*New Haven*	67 Wooster st.
Edmund Parker Lord	*Saxonville, Mass.*	134 College st.
Nathaniel White Lynde	*West Brookfield, Mass.*	87 Olive st.
Silas Metzger	*New Haven*	17 Grove st.
Marcus Daty Munn	*Southington*	127 Whalley av.
Marvin Olcott	*Corning, N. Y.*	134 College st.
Owyang Keng	*Canton, China*	136 College st.
Francis Stuyvesant Peabody	*Chicago, Ill.*	84 Wall st.
Oliver Phelps	*Canandaigua, N. Y.*	123 Park st.
Harry Smith Pope	*Jersey City, N. J.*	196 Crown st.
Joel Howard Reed	*Albany, N. Y.*	A.
Addison Alexander Righter	*Newark, N. J.*	8 Lock st.
John Hutchinson Robinson	*Lake Village, Ark.*	126 Crown st.
George Lewis Sargent	*New Haven*	51 Elm st.
Joseph Denny Sargent	*New Haven*	51 Elm st.
Louis Jacob Schiller	*New Haven*	8 Martin st.
Bernard Joseph Shanley	*New Haven*	211 Franklin st.
Frank Augustus Smith	*New Haven*	36 Lyon st.
George Edward Stevens	*New Haven*	7 Wooster pl.
Henry Taber	*New York City*	140 Edwards st.
Burton Henry Todd	*Wallingford*	22 Trumbull st.
John Heyward Trumbull	*Talcahuana, Chili*	13 Trumbull st.
Richard Lindsay Trumbull	*Talcahuana, Chili*	13 Trumbull st.
John Henry Ullrich	*Decatur, Ill.*	c. Davenport av. Asylum
Howard VanRensselaer	*Albany, N. Y.*	23 Prospect st.
Frank Charles Warner	*West Suffield*	141 Bradley st.
Robert William Watson	*Ashtabula, O.*	257 Church st.
Harry Yale Witbeck	*Chicago, Ill.*	84 Wall st.
William Meeker Wood	*Morristown, N. J.*	191 Temple st.
Willis Benton Wright	*Cromwell*	88 Grove st.

FRESHMEN, 61

SPECIAL STUDENTS NOT CANDIDATES FOR A DEGREE

Louis Norton Bail	*New Haven*	43 Park st.
Edgar Bertrand Doolittle	*Cheshire*	22 Trumbull st.
Joseph Caldwell Earle	*New Haven*	214 Orchard st.
Henry Arthur Smith	*Honesdale, Pa.*	29 High st.
Walter Watson	*Northampton, Mass.*	90 Grove st.
Charles Wilcoxson Whittlesey	*New Haven*	524 Chapel st.

SPECIAL STUDENTS, 6

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SCHOOL OF THE FINE ARTS

FACULTY

REV. NOAH PORTER, D.D., LL.D., PRESIDENT
JOHN F. WEIR, N.A., M.A., *Director*
JOHN H. NIEMEYER, M.A.

FREDERIC R. HONEY, *Instructor in Perspective*
JOHN P. C. FOSTER, M.D., *Instructor in Anatomy*

LECTURERS FOR 1878–79

CHARLES C. PERKINS, *Boston*
WILLIAM R. WARE, *Institute Technology, Boston*
EDWARD E. SALISBURY, *New Haven*
DONALD G. MITCHELL, *New Haven*

JOLINE B. SMITH, *Librarian*

STUDENTS

Georgianna Ayres	*Kansas*
Seth W. Babbitt	*West Meriden*
Emma H. Bacon	*Meriden*
Henry Baldwin, B.A.	*Hartford*
Emma C. Banks	*New Haven*
John J. Brennan	*New Haven*
Fannie C. Burr	*Monroe*
Julia I. Coe	*New Haven*
Jessalyn A. Couch	*Middlefield*
Caroline E. Dudley	*New Haven*
Laura F. Fitch	*Indiana*
Catherine S. Gold	*West Cornwall*
Eliza J. Harrison	*New Haven*
Mary E. Hart	*New Haven*
Caroline Hensell	*Hartford*
Mary R. jackson	*South Manchester*
Emma E. Hill	*New Haven*
Ann S. Johnson	*New Haven*
Frederic T. Langzettel	*New Haven*
Helen E. Leonard	*Seymour*
Charles R. Loomis	*Hartford*
Henry E. Manning	*New Haven*
Lily Pond Parker	*Hartford*
Ann F. Penfield	*Rockford, Ill.*
Louise Powe	*Ansonia*
Melissa Relyea	*Green's Farms*
Frederic Remington	*Ogdensburg, N. Y.*
Sarah W. Talcott	*Hartford*
Rosalie Tomlinson	*Birmingham*
Lucy P. Trowbridge	*New Haven*

STUDENTS IN REGULAR ATTENDANCE, . .	30
SPECIAL STUDENTS, ...	67

The Freshman Class of the Sheffield Scientific School, and others not in regular attendance, are included in the summary of special students.

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SUMMARY OF STUDENTS

Department of Theology - - - -		67
Department of Medicine - - - -		58
Department of Law - - - - -		68
Department of Philosophy and the Arts:		
Graduate Instruction - - -	46	
Undergraduate Academical Department	587	
Sheffield Scientific School - -	194	
School of the Fine Arts - -	30	
		857
		1050
Deduct for names inserted twice -		28
Total - - - - -		1022

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GENERAL STATEMENT

The departments of instruction in YALE COLLEGE are comprehended under four divisions, as follows:—

The Faculty of THEOLOGY,
of MEDICINE,
of LAW,
of PHILOSOPHY AND THE ARTS.

Under the last named Faculty are included, the COURSES FOR GRADUATE INSTRUCTION, the UNDERGRADUATE ACADEMICAL DEPARTMENT, the UNDERGRADUATE SECTION OF THE SHEFFIELD SCIENTIFIC SCHOOL, and the SCHOOL OF THE FINE ARTS—each having a distinct organization.

In the particular statements which follow, the Department of Philosophy and the Arts is first given, with its subdivisions in the order named; and afterwards the three Professional Departments.

The legal designation of the Corporation is "THE PRESIDENT AND FELLOWS OF YALE COLLEGE IN NEW HAVEN."

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DEPARTMENT OF PHILOSOPHY AND THE ARTS

GRADUATE INSTRUCTION

Graduates of this and other Colleges, and other persons of liberal education (not less than eighteen years old), are received as students for longer or shorter periods, with or without reference to the attainment of a degree.

An Executive Committee has a general oversight of the students in this department. The Committee this year is composed of Professors WHITNEY, NEWTON, BRUSH, and WHEELER. They receive the names of applicants for instruction, and judge and approve the course of study proposed; and information may be obtained from them as to conditions, terms, etc. Students may also make special arrangements with any instructor according to their mutual convenience.

Instruction is given partly by lectures, partly by recitations and by oral and written discussions, partly by directing courses of reading, and partly by work in the laboratories and with instruments.

The terms and vacations correspond with those in the Undergraduate Departments. (See Calendar, p. 4.)

The fee for instruction in connection with the Sheffield Scientific School is one hundred and fifty dollars a year; in other cases generally one hundred dollars, or more or less, according to the course pursued and the amount of instruction received.

THE DEGREE OF DOCTOR OF PHILOSOPHY is conferred upon those who, after having taken a Bachelor's degree (implying a course of undergraduate study equivalent to that pursued in the Academical Department), and having studied in this department for not less than two years, shall have passed a satisfactory final examination and presented a thesis giving evidence of high attainment in the branches of knowledge pursued. It is not given, upon examination, to those whose studies are pursued elsewhere. The requirements for it will

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in some cases exact of the student more than two years of labor; especially when the course of undergraduate study has been less than four years. A good knowledge of Latin, German, and French will be required in all cases, unless, for some exceptional reason, the candidate be excused by the Faculty. The graduating fee is ten dollars.

The courses of instruction given in the department may be grouped as follows:

1. Intellectual Philosophy; Ethics.

President PORTER: Psychology; Philosophy; History of Philosophy; Ethics.

2. Political Science and History.

Professor WHEELER: History of England to Henry VII.

Professor BREWER: Relations of Physical Geography to Political History.

Professor WALKER: Public Finance; Statistics of Industry.

Professor SUMNER: Politics and Finance in the History of the United States; Political Science; Finance.

Professor ROBINSON: History of Real Property; Canon Law; Parliamentary Law.

Professor DEXTER: American History.

Professor BALDWIN: Conflict of Law; Comparative Jurisprudence.

Professor PLATT: General Jurisprudence.

Professor WOOLSEY: International Law.

Mr. A. S. WHEELER: the Institutes of Gaius and Justinian; select titles of the *Corpus Juris;* German text-books of Roman Law.

3. Philological Science; Literature.

Professor THACHER and Professor H. P. WRIGHT: Latin.

Dr. J. H. TRUMBULL: the American Indian Languages, especially the dialects of the Algonkin family.

Professor WHITNEY: the general principles of Linguistic Science; the Comparative Philology of the Indo-European Languages; the Sanskrit Language.

Professor PACKARD: Aristotle; History of Greek Literature.

Professor WILLIAMS: the Chinese Language and Literature.

Mr. VAN NAME: the elements of the Japanese Language.

Professor LOUNSBURY and Professor BEERS: the Anglo-Saxon Language; the early forms and literature of English.

Professor COE: Old French and Provençal.

Professor CARTER: the older Germanic Languages and Literature, including Gothic.

Professor DAY: the Hebrew and other Semitic Languages.

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4. Mathematics.

Professor NEWTON: Calculus: Analytical Mechanics; Lunar and Planetary Theories; Higher Geometry.

Professor CLARK: Definite Integrals; Differential Equations; Analytical Mechanics; the Theory of Numerical Approximations; the Method of Least Squares.

Professor GIBBS: the Laws of Vibratory and Undulatory Motion, with especial reference to Light and Sound; the Potential Function, with its application to the theories of Electricity and Magnetism; Capillarity.

5. Physics; Chemistry; Astronomy.

Professor LOOMIS: Meteorology, with especial reference to the making and reducing of observations.

Professor NORTON: Spherical Astronomy.

Professor LYMAN: the use of Meridional and other Astronomical Instruments.

Professor JOHNSON: Theoretical and Analytical Chemistry.

Professor A. W. WRIGHT: Physical Manipulation in the departments of Heat, Light, and Electricity, with practical directions as to the management of apparatus.

Professor ALLEN: Analytical Chemistry.

Professor DUBOIS: Thermodynamics.

6. Geology; Natural History.

Professor DANA: Geology.

Professor BRUSH: the Analysis and Determination of Mineral species; Descriptive Mineralogy.

Professor EATON: Structural and Systematic Botany, including the North American Flora and the description of genera and species.

Professor MARSH: Palæontology; Comparative Osteology.

Professor VERRILL and Professor S. I. SMITH: Zoology.

Dr. E. S. DANA: Optical Mineralogy; Crystallography.

7. Applied Science.

Professor NORTON: Applied Mechanics.

Professor LYMAN: Astronomical Spectroscopy.

Professor JOHNSON: Agricultural Chemistry.

Professor BREWER: Agriculture; Forest Culture.

Professor ALLEN: Metallurgy; Assaying.

Professor DUBOIS: Dynamical Engineering.

8. Fine Arts.

For the instruction open to Graduates in the School of the Fine Arts, see page 72.

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THE DEGREE OF MASTER OF ARTS is conferred on Bachelors of Arts of two years' standing or upwards, who have given to the Academical Faculty evidence of having made satisfactory progress in liberal studies after receiving their first degree.

Such evidence may be furnished by one year's systematic study (not professional) in New Haven, under the direction of the Academical Faculty, followed by an examination.

Such Bachelors of Arts of this College as may not choose to reside at the College for the prosecution of study, may show, at any time not less than three years after graduation, by their printed essays, or by submitting to special examinations, that they have spent a year in liberal (and non-professional) study, and are worthy of recommendation for this degree.

A committee of the Faculty is appointed (consisting, for the present year, of Professors NEWTON and WHEELER), to whom candidates for this degree must submit their proposed courses of study by the first of November in each year; and the evidence of a year's study must be submitted to the same committee by the first of the following June.

In the case of resident students, the charge for instruction will usually be one hundred dollars, with a fee of ten dollars for the degree. In the case of non-residents, the fee for examinations and the degree will usually be twenty-five dollars.

THE DEGREES OF CIVIL AND DYNAMIC ENGINEER are conferred on Bachelors of Philosophy who have taken the first degree in Engineering study, and who pursue a higher course for at least two years, sustaining a final examination, and giving evidence of their ability to design important constructions, and make the requisite drawings and calculations. The fee for graduation is five dollars.

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UNDERGRADUATE ACADEMICAL DEPARTMENT

ALL CANDIDATES FOR ADMISSION to the Freshman Class are examined in the following books and subjects:

Latin Grammar.

Sallust—Jugurthine war; or four books of Cæsar.

Cicero—seven Orations.

Virgil—Bucolics, Georgics, and first six books of the Æneid, including Prosody.

Arnold's Latin Prose Composition, to the Passive voice (first twelve chapters). It is suggested to teachers, in addition to the use of the work named, to connect simple exercises in making Latin, either oral or written, with all the Latin studies of their pupils throughout the preparatory course.

Greek Grammar—with translation of English into Greek.

Xenophon—Anabasis, four books.

Homer—Iliad, three books, with Prosody.

Greek History.

The rules for pronunciation given in Hadley's Grammar are recommended as a guide. For Greek History, Dr. William Smith's or Fyffe's text-book, and for Greek Composition, Jones's Exercises or White's Lessons, are suggested.

Higher Arithmetic—including the metric system of weights and measures.

Algebra—so much as is included in Loomis's Treatise, up to the chapter on Logarithms.

Euclid—first two books. [The first, third, and fourth books of Davies's Legendre's Elements of Geometry, or of Loomis's Elements of Geometry, may be offered instead of Euclid.] In Geometry, the candidate must be prepared on the principles of construction, as he will be required to draw the figures for the demonstration of propositions.

English Grammar and Geography; a thorough knowledge of which is required.

THE REGULAR EXAMINATION FOR ADMISSION to College is held at Graduates' Hall, New Haven, on the Friday, Saturday, and Monday following Commencement (June 27, 28, 30, 1879): *attendance is required at the beginning of the examination, at* 9 A. M., *on Friday;* those candidates will be detained until Monday, whose examination cannot, for any reason, be finished on Saturday. The examination is partly oral and partly written; copies of papers recently given (covering only the *written* portion of the examination) will be sent on application.

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In 1879 examinations for admission to the Freshman Class (but not to higher classes) will also be held in Chicago and in Cincinnati (beginning on Friday, June 27, at 9 A. M) at a place to be announced in the local newspapers of the day previous. These examinations will be wholly in writing. Candidates who propose to be present are requested to send their names to the Secretary before June 15. A fee of five dollars will be charged for admission to these examinations.

A second examination (for those who cannot attend the first) is held in New Haven at the beginning of the College year, on Tuesday and Wednesday (Sept. 9, 10, 1879): candidates for this examination must be present at Graduates' Hall at 9 A. M. on Tuesday.

Persons applying to be examined at other times must first obtain special permission from the Faculty, and pay to the Treasurer a fee of ten dollars. In general, no examinations for admission to the Freshman Class can be held before Commencement, or during vacation.

ADVANCED STANDING—All candidates for advanced standing, *whether from other Colleges or not*, are examined, in addition to the preparatory studies, in those already pursued (see next page) by the Class which they wish to enter. In the several languages, for the particular books studied by the Class, equivalent amounts may be offered from other books in the same language.

Bachelors of Arts or of Philosophy of any institution may join the Senior Class without examination, as candidates for the degree of Doctor of Philosophy after three years' study. (See p. 47.)

No one can be admitted to the Senior Class after the beginning of the second term.

AGE—No one can be admitted to the Freshman Class till he has completed his fifteenth year, nor to an advanced standing without a corresponding increase of age.

TESTIMONIALS — Satisfactory testimonials of good moral character (preferably from the last principal instructor) are in all cases required, before a certificate of admission is granted; and students from other Colleges must present certificates of dismission in good standing.

BOND—Every person must give to the Treasurer, on being admitted, a bond, executed by his parent or guardian, for five

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hundred dollars, as security for the payment of all charges arising under the laws of the college. A blank form for this purpose will be furnished at the time of admission.

COURSE OF INSTRUCTION.

THE COURSE OF INSTRUCTION occupies four years. In each year there are two terms.

The following is a scheme of the studies, or, more correctly, of equivalents which will be accepted from candidates, for advanced standing:—

FRESHMAN YEAR:

FIRST TERM—*Greek*—Homer's Odyssey, begun. *Latin*—Livy, begun; Cicero's Second Philippic; Arnold's Latin Composition (to page 150). *Mathematics*—Loomis's Algebra; Todhunter's Euclid; Chauvenet's Geometry. *Hygiene*—Lectures.

SECOND TERM—*Greek*—Homer's Odyssey, continued through four books; Herodotus, continued through half of the first book; Arnold's Greek Composition. *Latin*—Livy, continued through one book; Cicero *de senectute;* Ovid, Ramsay's Selections; Roman Antiquities. *Mathematics*—Chauvenet's Geometry; Richards's Plane Trigonometry. *Rhetoric*—Recitations and Lectures. Compositions.

SOPHOMORE YEAR:

FIRST TERM—*Greek*—Six Orations of Demosthenes. *Latin*—Odes of Horace: Agricola of Tacitus. *Mathematics*—Richards's Plane Trigonometry. *Rhetoric*—Lectures on Composition. Compositions.

SECOND TERM—*Greek*—Prometheus of Æschylus; Xenophon's Memorabilia, one book; Antigone of Sophocles; Plato's Apology of Socrates and Crito. *Latin*—Satires and Epistles of Horace; Satires of Juvenal; Cicero *de officiis*. *Mathematics*—Spherical Trigonometry; Loomis's Conic Sections; Loomis's Analytical Geometry; Mechanics. *Rhetoric*—Lectures on Elocution, with practice. Declamations. Compositions.

JUNIOR YEAR:

FIRST TERM—*Physics*—Ganot's Physics. *German*—Whitney's Grammar and Reader; German Composition. *English*—Shakespeare, Spenser; Forensic Disputations. *Chemistry*—Barker's Chemistry; Lectures.

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For optional studies *(Latin, Greek, Mathematics, French, English)* see below.

SECOND TERM—*Natural Philosophy*—Ganot's Physics. Lectures. *English*—Chaucer, Recitations. Forensic Disputations. *German*—Whitney's Grammar and Reader; German Composition. *Zoology*—Huxley's Physiology. Laboratory Practice. *Astronomy*—Loomis's Astronomy, to Chapter x. *Logic*—Jevons's Logic.

For optional studies *(Latin, Greek, Mathematics, French, English, Anglo-Saxon, Zoology, Botany)* see below.

SENIOR YEAR.

FIRST TERM—*Mental Philosophy*—Porter's Human Intellect. Lectures. *Geology*—Dana's Geology. *Political Science*—Fawcett's Political Economy. Lectures. *Rhetoric*—Compositions.

For optional studies *(Latin, Greek, French, German, Sanskrit, Mathematics, Astronomy, Mineralogy, European History)* see below.

SECOND TERM—*Natural Theology and Evidences of Christianity*—Lectures. *Moral Philosophy*—Recitations. Lectures. *History of Philosophy*—Schwegler's History. *History*—Hallam's Constitutional History. Lectures. *Evolution and Cosmogony*—Lectures. *Rhetoric*—Compositions. *Political and Social Science*—Recitations. Lectures. *International Law*—Woolsey's International Law. *Elements of Jurisprudence and American Constitutional Law*—Lectures.

For optional studies *(Philosophy, Latin, Greek, French, German, Sanskrit, Linguistics, Mathematics, Physics, Meteorology, Geology, Palæontology, American History, Political Science)* see below.

OPTIONAL STUDIES—Every student is required to have four exercises a week in an optional study, during Junior and Senior years. Change from one optional to another is allowed at the end of Junior year, and also to a new optional whenever one is begun. In cases where an optional is withdrawn before the end of the year, any of the other optionals may be chosen in its place, provided the instructor is upon examination satisfied of the student's fitness to enter the class. Any student who can on examination show thorough acquaintance, in advance, with one or more of the required studies of Junior or Senior year, may choose instead a second optional. The following courses of optional studies are provided.

I. PHILOLOGY.

1. ANCIENT LANGUAGES: (*a*) GREEK, through Junior and Senior years, four exercises a week, with Professor Packard; the Republic of Plato. (*b*)

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LATIN, through Junior and Senior years, with Professor Thacher, four exercises a week. (*c*) SANSKRIT, through Senior year, with Professor Whitney, two double exercises a week.

2. MODERN LANGUAGES AND LITERATURE: (*a*) FRENCH, through Junior and Senior years, four exercises a week, with Professor Coe; in Junior year, French Composition, Modern French Authors; in Senior year, French Composition, Corneille, Racine, Molière, Boileau, LaFontaine. A knowledge of the elements of the French language is required of students who choose French as an optional study in Junior year. The examination may be passed at the time of the Sophomore annual examination, or at the beginning of Junior year, and will be upon Chardenal's First French Course. (*b*) GERMAN, through Senior year, four exercises a week, with Professor Carter; Schiller's Die Piccolomini, Goethe's Iphigenie, selections from Goethe's Prose, Lessing's Nathan der Weise, German Composition. (*c*) ANGLO-SAXON, through the second term of Junior year, with Professor Beers, four exercises a week; Sweet's Anglo-Saxon Reader. (*d*) ENGLISH LITERATURE, through Junior year, with Professor Beers, four exercises a week; Mätzner's Alt-Englische Sprachproben; Skeat's Specimens of English Literature; Lectures.

3. LINGUISTICS: Through the first half of the second term of Senior year, two exercises a week, with Professor Whitney.

II. INTELLECTUAL PHILOSOPHY.

With President Porter, through the second term of Senior year, two exercises a week.

III. HISTORY AND POLITICAL SCIENCE.

1. EUROPEAN HISTORY, through the first term of Senior Year, with Professor Wheeler, four exercises a week; Hallam's Middle Ages.

2. AMERICAN HISTORY, through the second term of Senior year, with Professor Dexter, two exercises a week; Bancroft's History of the United States.

3. POLITICAL ECONOMY, through the second term of Senior year, with Professor Sumner, two exercises a week.

IV. MATHEMATICS AND ASTRONOMY.

1. MATHEMATICS, through Junior and Senior years, four exercises a week, with Professor Newton; Loomis's Calculus, followed by Analytical Mechanics or Higher Geometry.

2. ASTRONOMY, through the first term of Senior year, four exercises a week, with Professor Loomis; Loomis's Astronomy.

V. MOLECULAR AND TERRESTRIAL PHYSICS.

1. PHYSICS, through the second term of Senior year, two exercises a week, with Professor A. W. Wright.

2. METEOROLOGY, through the second term of Senior year, four exercises a week: Loomis's Meteorology.

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IV. NATURAL SCIENCE AND GEOLOGY.

1. ZOOLOGY, through the second half of the second term of Junior year, four exercises a week, with Mr. J. K. Thacher.

2. MINERALOGY AND MATHEMATICAL CRYSTALLOGRAPHY, through the first term of Senior year, with Professor Dana, four exercises a week; Dana's Text-Book.

3. GEOLOGY, through the first half of the second term of Senior year, with Professor Dana, four exercises a week; Dana's Manual.

4. PALÆONTOLOGY, through the second half of the second term of Senior year, with Mr. J. K. Thacher; Dana's Manual of Geology. [Geology and Palæontology make together one course; those taking this course must have first taken the course in Mineralogy and Crystallography.]

5. BOTANY, through the second half of the second term of Junior year, with Professor Eaton, four exercises a week.

EXERCISES IN DECLAMATION AND COMPOSITION—The Senior Class have exercises in English composition, and the Junior Class, in forensic disputation, through the year. The Sophomore Class during the whole year, and the Freshman Class, during the latter half of the second term, have exercises in English composition.

The Sophomore Class have regular exercises in elocution; and once a week, during a part of the year, have an exercise in declamation before the Professor of Rhetoric and the members of the Class.

PUBLIC EXAMINATIONS are held at the close of the first and at the middle of the second term, on the studies of the term and half-term; and, at the close of the year, on all the studies of the year. The annual examinations are conducted wholly in writing, and continue for about two weeks.

VOCAL MUSIC—Gratuitous instruction in Vocal Music is given during a part of the year (the exercises being open to members of all the Departments of the College), subject, however, to a small charge for fire and lights.

TERMS AND VACATIONS.

THE PUBLIC COMMENCEMENT is held on the Thursday after the last Wednesday in June. The first term begins eleven weeks from Commencement-day and continues fourteen weeks; the second term begins on the second Thursday in January and continues until Commencement-day, with a spring recess—usually of eight days—including Easter. (See Calendar, p. 4.) The exercises of each term begin with prayers in the Chapel on Thursday morning.

LEAVE OF ABSENCE—No student is allowed to be absent without special leave, except in the vacations.

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PUBLIC WORSHIP.

PRAYERS are attended in the Battell Chapel every morning, with reading of the Scriptures and singing, and all the students are required to be present.

PUBLIC WORSHIP is held in the Chapel on Sundays, at which all the students are required to attend, except such as have special permission to attend the worship of other denominations, to which their parents belong. Such permission can be obtained only on presenting to the President a written request therefor from the parent or guardian.

GYMNASIUM.

THE GYMNASIUM is designed to provide all the students with opportunities for exercise. Those who use the bath-rooms pay a small fee for tickets.

EXPENSES.

THE TREASURER'S BILLS are made out three times a year, viz., at the close of the first term, at the middle and at the close of the second term, at which times they are payable. The bills must be paid within two weeks after the beginning of the succeeding term or half-term, or the student is liable to be prohibited from reciting. Drafts on Boston, New York, and Philadelphia will be received at par.

The annual charge for tuition and incidentals is $140.

For the rent and care of a half-room in the College buildings, the average charge is thirty-five dollars per year.

OTHER CHARGES—There are additional charges at graduation, amounting to eighteen dollars. If a student occupies a room alone, the charge for rent and care is ordinarily double that stated above.

ABSENCE ON LEAVE—A student who is absent from College on account of sickness, or for any other cause, and still retains his place in his class, pays full tuition during such absence.

BOARD is obtained at prices varying from three dollars and a half to seven dollars a week. The average price is about five dollars.

ROOMS—There are in the College buildings above two hundred rooms occupied by students, at prices varying (according to location) from $25 to $140 per year, not including vacations.

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Students living out of College are not allowed to room in any building in which a family does not reside, except by special permission of the Faculty.

FURNITURE, BOOKS, ETC.—Students provide for themselves furniture, fuel, lights, and text-books; if books and furniture are sold when the student has no further necessity for them, the expenses incurred by their use will not be great.

NECESSARY EXPENSES—The following may be considered a near estimate of the *necessary* annual expenses, for a student occupying a half-room in College, without including apparel, traveling, and board in vacations:—

Treasurer's bill (according to location of room), from	$160 to	$220
Board, 37 weeks, - - - - - - - "	130 to	260
Fuel, lights, and washing, - - - "	30 to	60
Use of text-books and furniture, - - - "	30 to	60
Total, - - - - - -	$350	$600

COLLEGE GUARDIAN—As a precaution against extravagance, parents at a distance sometimes deposit funds with one of the Faculty; who, in that case, attends to the pecuniary concerns of the student, settles his bills, corresponds with the parent, and transmits an account of expenditures, for which services he charges a commission.

BENEFICIARY AID.

The sum of $12,000 and upwards, derived partly from permanent charitable funds, is annually applied by the Corporation for the relief of students who need pecuniary aid, especially of those preparing for the Christian ministry. About one hundred thus have their tuition either wholly or in part remitted. Students needing such aid should apply to the President before November 1st in each College year. Assistance will be withdrawn from students who incur serious College censure, or who fail to maintain a reputable scholarship.

THE HARMER FOUNDATION OF SCHOLARSHIPS comprises six scholarships, each yielding one hundred dollars a year, to be given to deserving students of small means.

There are also eighteen other Scholarships, most of them yielding sixty dollars a year, which may be given to such students as shall be selected by the founders or the Faculty.

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Students who need to avail themselves of the use of the Benevolent Library are supplied gratuitously with many of the text-books used in the College course.

FELLOWSHIPS AND SCHOLARSHIPS.

THE DOUGLAS FELLOWSHIP, with an income of at least six hundred dollars a year, was founded in 1873 by Mrs. Samuel Miller, of New Haven, and named in memory of her brothers, Rev. Sutherland Douglas (Y. C. 1822) and George H. Douglas (Y. C. 1828). The incumbent, who must be a recent graduate of the Academical Department, pursuing non-professional studies in New Haven, is elected annually, but may not hold the fellowship for more than three years.

THE SOLDIERS' MEMORIAL FELLOWSHIP, with an annual income of six hundred dollars, was founded in 1875 by Mrs. Theodosia D. Wheeler, of New Haven, in honor of the alumni who fell in battle as Union soldiers, in the war of 1861–1865, and in especial remembrance of William Wheeler, of the class of 1855. The incumbent must be at the time of his election a graduate of the Academical Department, of not more than three years' standing. He shall reside in New Haven, pursuing non-professional studies, and may hold the Fellowship for a period not exceeding five years.

THE BERKELEY SCHOLARSHIP, yielding about forty-six dollars a year, is awarded to the student in each Senior class who passes the best examination in the Greek Testament (Pauline Epistles), the first book of Thucydides, the first six books of Homer's Iliad, Cicero's Tusculan Questions, Tacitus (except the Annals), and Horace; provided he remain in New Haven as a graduate, one, two or three years.

THE CLARK SCHOLARSHIP, yielding one hundred and twenty dollars a year, is awarded in each Senior Class to the applicant who has passed the best examinations in the studies of the College course; provided he remain in New Haven one or two years immediately after graduation, pursuing a course of study (not professional) under the direction of the Faculty.

THE LARNED SCHOLARSHIP, yielding three hundred dollars a year, and tenable for three years, is awarded in each Senior Class. The incumbent must reside in New Haven, pursuing a course of advanced study subject to the direction of the Faculty.

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THE BRISTED SCHOLARSHIP, yielding about one hundred and fourteen dollars a year, is awarded, whenever there is a vacancy, to the student in the Sophomore or Junior Class who passes the best examination in the classics and mathematics. The successful candidate receives the annuity (forfeiting one-third in case of non-residence) until the end of the third year after graduation.

THE WOOLSEY SCHOLARSHIP, yielding sixty dollars a year, is awarded to the student in each Freshman Class, who passes the best examination in Latin composition (excellence in which is essential to success), in the Greek of the year, and in the solution of algebraic problems. The successful candidate receives the annuity, under certain conditions, during the four years of his College course. The student who stands second at this examination receives for one year the income of the HURLBUT SCHOLARSHIP; and the student who stands third, the income for one year of the THIRD FRESHMAN SCHOLARSHIP. The income of each of these Scholarships is sixty dollars.

THE W. W. DEFOREST SCHOLARSHIP, yielding one hundred and twenty dollars, is awarded to a student in each Senior Class who has attained distinction in the study of French while in College, provided he remain in New Haven the year after graduation, pursuing a further course of study in the Romance languages under the direction of the Faculty.

PREMIUMS.

THE DEFOREST PRIZE MEDAL, of the value of $100, is awarded "to that scholar of the Senior Class who shall write and pronounce an English Oration in the best manner."

THE TOWNSEND PREMIUMS, five in number, of twelve dollars each, are awarded in the Senior Class for the best specimens of English Composition.

THE SENIOR MATHEMATICAL PRIZES (the first consisting of a gold medal of the value of ten dollars and of ten dollars in money, the second of ten dollars in money) are offered to the Senior class for the best solutions of problems in both abstract and concrete mathematics.

COLLEGE PREMIUMS are offered to the Senior Class for the solution of problems in Practical Astronomy.

THE WINTHROP PRIZES (one of two hundred dollars and one of one hundred dollars) are offered to the Junior Class "for

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the most thorough acquaintance with the Greek and Latin poets," as shown at an examination during the latter half of the second term.

COLLEGE PREMIUMS are given in the Sophomore Class for English composition, and for declamation, and in the Sophomore and Freshman Classes for the solution of mathematical problems.

THE SCOTT PRIZE for excellence in German is offered to the Senior Class, and the SCOTT PRIZE for excellence in French to the Junior Class; these prizes are of the value of thirty dollars each, and are given in books.

BERKELEY PREMIUMS for Latin Composition are offered to the Freshman Class near the end of the year.

THE JOHN A. PORTER PRIZE, of two hundred and fifty dollars, is offered at each Commencement for the best English Essay. Any person who has been studying for a degree in any department of the University during the entire College year may compete for this prize.

DEGREES.

The degree of BACHELOR OF ARTS is conferred by the Corporation on those persons who have completed the course of academical exercises, as appointed by law, and have been approved on examination at the end of the course as candidates for the same. Candidates are required to pay their dues to the Treasurer as early as the Monday before Commencement.

For the degrees of Master of Arts and Doctor of Philosophy, see pages 47, 50.

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SHEFFIELD SCIENTIFIC SCHOOL

THE SHEFFIELD SCIENTIFIC SCHOOL is devoted to instruction and researches in the mathematical, physical, and natural sciences, with reference to the promotion and diffusion of science, and also to the preparation of young men for such pursuits as require special proficiency in these departments of learning.

The School, begun in 1847, and reorganized upon a more extensive scale in 1860, received in 1863, by the act of the Connecticut Legislature, the national grant for the promotion of scientific education under the Congressional enactment of July, 1862. It thus became in consequence the "College of Agriculture and the Mechanic Arts" of Connecticut.

OFFICERS AND INSTRUCTORS—Upon the Governing Board, consisting of the professors permanently attached to the School, devolves its internal management and the greater part of the instruction. In addition to these, and the instructors employed during the current year (mentioned on p. 38), instruction is given in Elementary and Free-hand Drawing by Professor Niemeyer, of the School of the Fine Arts.

The Board of State Visitors consists of the Governor, Lieutenant-Governor, three senior Senators, and the Secretary of the Board of Education.

The Board of Councilors, invited by the Corporation to advise and assist in the progress of the School, are as follows: Hon. J. E. ENGLISH, of New Haven; Hon. M. JEWELL, of Hartford; Hon. J. R. HAWLEY, of Hartford; Hon. O. F. WINCHESTER, of New Haven; JOSEPH E. SHEFFIELD, Esq., of New Haven; Professor J. D. DANA, of New Haven; HENRY FARNAM, Esq., of New Haven; M. DWIGHT COLLIER, M.A., of St. Louis; Hon. WILLIAM E. DODGE, of New York City.

The instruction is intended for two classes of students:—

I.—Graduates of this or other Colleges, and other persons qualified for advanced or special study.

II.—Undergraduates who desire a training, chiefly mathematical and scientific, in part linguistic and literary, for higher scientific studies, or for other occupations to which such training is suited.

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INSTRUCTION FOR GRADUATE AND SPECIAL STUDENTS

Persons who have gone through undergraduate courses of study, here or elsewhere, may avail themselves of the facilities of the School for more special professional training in the physical sciences and their applications, gaining in one, two or three years the degree of BACHELOR OF PHILOSOPHY, or, in two additional years of Engineering study, that of CIVIL ENGINEER or DYNAMIC ENGINEER.

Or, engaging in studies of a less exclusively practical character, they may become candidates for the degree of DOCTOR OF PHILOSOPHY, under the conditions already stated (see p. 47). The instruction in such cases will be adapted to the particular needs and capacities of each student, and may be combined with that given by the graduate instructors in other departments. The list of graduate studies pursued, either wholly in the Scientific School, or conjointly with other departments, will be found on pp. 49–50.

SPECIAL STUDENTS—For the benefit of those who, being fully qualified, desire to pursue particular studies without reference to the obtaining of a degree, special or irregular students are received in most of the departments of the School; not however, in the Select Course, nor in the Freshman Class.

It should be distinctly understood that these opportunities are not offered to persons who are incompetent to go on with regular courses, but are designed to aid those who have received a sufficient preliminary education elsewhere to increase their proficiency in special branches.

INSTRUCTION FOR UNDERGRADUATE STUDENTS.

TERMS OF ADMISSION—Candidates must be not less than fifteen years of age, and must bring satisfactory testimonials of moral character from their former instructors or other responsible persons.

For admission to the Freshman Class the student must pass a thorough examination in the following subjects:

English—including grammar, spelling and composition. In grammar, Whitney's Essentials of English Grammar, or an equivalent.
History of the United States.
Geography.

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Latin— six books of Cæsar's Commentaries, or their equivalent, and simple exercises in prose composition.

Arithmetic—including the metric system of weights and measures.

Algebra—So much as is contained in Loomis's Treatise, up to the general theory of equations.

Geometry—Plane, solid and spherical; including fundamental notions of symmetry, and examples of loci and of maxima and minima of plane figures:—an equivalent of the nine books of Chauvenet's Treatise, or to the ten books of Loomis's Elements and the Appendix, up to the section on Transversals.

Trigonometry—including the analytical theory of the trigonometrical functions, and the usual formulæ; the construction and use of trigonometrical tables; and the solution of plane triangles;—so much, for example, as is contained in Wheeler's Plane Trigonometry (Boston, 1877), or Richards's Plane Trigonometry (New York, 1878).

Candidates will be allowed the option of passing on the above-named subjects in two successive years. In such a case they must present themselves for examination at the June examination of the first year in the following subjects or parts of subjects: *History of the United States*, *Geography*, *Arithmetic*, *Plane Geometry*, and *Algebra to Quadratic Equations*.

In order to have this preliminary examination counted, candidates must pass satisfactorily on *all* the subjects; and notice must be given of the intention to divide the examination to Professor G. J. Brush, Executive officer of the School, on or before June 15.

In his preparation in GEOMETRY the candidate should, as far as practicable, have suitable exercises in proving simple theorems and solving simple problems for himself. It is important, too, that he should be accustomed to the numerical application of geometric principles, and especially to the prompt recollection and use of the elementary formulæ of mensuration. In TRIGONOMETRY he should be exercised in applying the usual formulæ to a variety of simple reductions and transformations, including the solution of trigonometrical equations. Readiness and accuracy in trigonometrical calculations are also of prime importance to the candidate. If the use of logarithms is postponed in his preparation till Trigonometry is taken up (which is by no means necessary or advisable), he should then have abundant applications of them to all forms of calculation occurring in ordinary practice, as well as to those appearing in the solution of triangles. Finally, in all of his calculations, he should study the art of neat, orderly, and readily intelligible arrangement.

In LATIN, in order to secure the attainment of the required proficiency, the student should have such continued training in parsing as shall make him thoroughly familiar with declensions and conjugations, and accurate

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and ready in the application of the rules of syntax. As an additional guarantee of the proper mastery of these grammatical elements, the requirement has been adopted of "simple exercises in prose composition." By this is meant, merely, such a course of elementary exercises in translation, orally and in writing, from English into Latin as, in connection with the systematic parsing just mentioned, shall necessitate a familiarity with grammatical forms and the leading principles of syntax, and thus render the reading of the six books of Cæsar (or their equivalent) more thorough and fruitful. Since this course of elementary exercises in translation is designed as a preparation for reading, and not as a sequel to it, it should be invariably begun at the earliest stage of the study of Latin. To avoid any misapprehension of the nature of the extent of the requirement, the following works are specifically named, among which the candidate for examination may make his own selection. These are Harkness' "Introduction to Latin Composition," 112 pages; Leighton's "Latin Lessons," 91 pages; Smith's "Principia Latina," Part I.; or McClintock's "First Latin Book," 83 lessons (193 pp.). Any equivalent of these may be offered from the many useful books of a similar character. A knowledge of Prosody is not required.

The examinations for admission take place at North Sheffield Hall, on Friday and Saturday, June 27, 28, and on Tuesday and Wednesday, September 9, 10, 1879. Opportunities for private examinations may, in exceptional cases, be given at other times.

In 1879 examinations will also be held in Chicago and in Cincinnati (beginning on Friday, June 27, at 9 A. M.), at a place to be announced in the local newspapers of the day previous.

Candidates for advanced standing in the undergraduate classes are examined, in addition to the préparatory studies, in those already pursued by the class they wish to enter. No one can be admitted as a candidate for a degree, later than at the beginning of the Senior year.

THE COURSES OF INSTRUCTION, occupying three years, are arranged to suit the requirements of various classes of students. The first year's work is the same for all; for the last two years the instruction is chiefly arranged in special courses. The special courses most distinctly marked out are the following:—

(*a.*) In Chemistry; (*b.*) In Civil Engineering;
(*c.*) In Dynamical (or Mechanical) Engineering;
(*d.*) In Agriculture; (*e.*) In Natural History;
(*f.*) In Biology preparatory to Medical Studies;
(*g.*) In studies preparatory to Mining and Metallurgy;
(*h.*) In Select studies preparatory to other higher studies.

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The arrangement of the studies is indicated in the annexed scheme.

FRESHMAN YEAR—INTRODUCTORY TO ALL THE COURSES.

FIRST TERM — *German* — Whitney's Grammar and Reader. *English* — Hadley's Brief History of the English Language; Exercises in Composition. *Mathematics*—Analytical Geometry. *Physics*—Atkinson's Ganot, with experimental lectures. *Chemistry*—Recitations and Laboratory practice. *Elementary Drawing*—Practical Lessons in the Art School.

SECOND TERM — *Language, Physics, and Chemistry* — as stated above. *Mathematics*—Spherical Trigonometry (Wheeler's); Elements of Mechanics. *Physical Geography*—Lectures. *Botany*—Gray's Lessons, with Lectures. *Political Economy*—Elementary Lectures. *Drawing*—Elementary Projection Drawing; Isometric Drawing; Descriptive Geometry commenced.

For the Junior and Senior years the students select for themselves one of the following courses:—

(a.) IN CHEMISTRY.

JUNIOR YEAR:

FIRST TERM—*Theoretical and Organic Chemistry*—Lectures. *Qualitative Analysis*—Fresenius. *Laboratory Practice. Blowpipe Analysis. German. French.*

SECOND TERM—*Laboratory Practice*—Quantitative Analysis. *Mineralogy*—Blowpipe Analysis and Determination of Species. Lectures. *French. German.*

SENIOR YEAR:

FIRST TERM—*Laboratory Practice*—Volumetric and Organic Analysis. *Geology*—Dana's. *Zoology*—Lectures and Excursions. *French.*

SECOND TERM — *Laboratory Practice*—Mineral Analysis and Assaying. *Agricultural Chemistry* — Recitations and Lectures (optional). *Geology*—Dana's Manual. *Metallurgy* (optional). *Mineralogy* (optional). *French.*

(b.) IN CIVIL ENGINEERING.

JUNIOR YEAR:

FIRST TERM — *Mathematics* — Elements of the Theory of Functions; Numerical Equations; Differential Calculus. *Surveying*—Field Operations. *Drawing*—Descriptive Geometry, continued, including Warped Surfaces. *German. French.*

SECOND TERM—*Mathematics*—Integral Calculus. Rational Mechanics. *Drawing*—Shadows, Perspective, and Gearing. Topographical. *Surveying*—Topographical. *German. French.*

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SENIOR YEAR:

FIRST TERM—*Field Engineering*—Laying out Curves. Location of line of Railroad, with calculations of Excavation and Embankment. Hencks' Field Book for Railroad Engineers. *Civil Engineering*—Resistance of Materials. Bridges and Roofs commenced. Stone Cutting—with graphical problems. *Geology*—Dana's. *Mineralogy*—Blowpipe Analysis and Determinative Mineralogy. *French.*

SECOND TERM—*Civil Engineering*—Bridges and Roofs. Building Materials. Stability of Arches and Walls. Mahan's Civil Engineering. *Dynamics*—Principles of Mechanism. Steam Engine. *Hydraulics*—Hydraulics and Hydraulic Motors. *Drawing* — Graphical Statics. *Astronomy* — Loomis's Astronomy, with practical problems. *Mineralogy*—continued. *Geology*—Dynamic. *French.*

(c.) IN DYNAMIC ENGINEERING.

JUNIOR YEAR:

FIRST TERM—*Mathematics*—Elements of the Theory of Functions; Numerical Equations; Differential Calculus. *Surveying* — Field Operations. *Drawing*—Descriptive Geometry, continued, including Warped Surfaces. *German. French.*

SECOND TERM—*Mathematics*—Integral Calculus. Rational Mechanics. *Drawing*—Shadows, Perspective, and Gearing. General Theory of Motion, and Principles of Mechanism. *German. French.*

SENIOR YEAR:

FIRST TERM—Principles of Mechanism. Applications of the Principles of Mechanism to Machinery. Machine Construction. Blowpipe Analysis. Resistance of Materials. Construction of roof trusses, girders, and iron bridges. Machine Drawing. *Geology. French.*

SECOND TERM—General principles of Heat employed as a source of power. The construction of Steam Generators. Steam Engines. Hot Air Engines. Water Engines. Water Wheels. The Construction of Water Reservoirs, and Conduits. Measurement of Water Supply. Discharge of Pipes, etc. Graphical Statics. Machine Designing. *Metallurgy.*

(d.) IN AGRICULTURE.

JUNIOR YEAR:

FIRST TERM—*Theoretical and Organic Chemistry*—Lectures. *Qualitative Analysis*—Fresenius. *Laboratory Practice. Blowpipe Analysis. German. French.*

SECOND TERM—*Laboratory Practice*—Quantitative Analysis. *Mineralogy.*—Blowpipe Analysis and Determination of Species. *Physical Geography*—Lectures. *Botany*—Lectures. *French. German.*

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SENIOR YEAR:

FIRST TERM—*Agriculture*—Cultivation of the Staple Crops of the Northern States. Tree Planting and Forestry. *Agricultural Chemistry*—Johnson's. *Physiology*—Huxley's. *Geology*—Dana's. *Zoology. English. French.*

SECOND TERM—*Agriculture*—Laws of Heredity and Principles of Breeding. Lectures. *Geology*—Dana's. *Rural Economy*—History of Agriculture und Sketches of Husbandry in Foreign Countries. Systems of Husbandry. *Agricultural Chemistry* — Johnson's. *Geology*—Dana's. *Zoology. Botany. Microscopy. English. French.*

(e.) IN NATURAL HISTORY.

(Either Geology, Mineralogy, Zoology, or Botany, may be made the principal study, some attention in each case being directed to the other three branches of Natural History.

JUNIOR YEAR:

FIRST TERM—*Chemistry* — Qualitative Analysis. Laboratory Practice. Recitations. *Mineralogy*—Blowpipe Analysis and Determinative Mineralogy. *Botany*—Gray's Manual; Use of the Microscope. *German. French.*

SECOND TERM—*Zoology*—Laboratory Practice. Excursions (land and marine). *Botany*—Laboratory Practice. Thomé's Text-book. Excursions. *Mineralogy*—continued. *Physical Geography. German. French.*

SENIOR YEAR:

FIRST TERM—*Geology*—Dana's. Excursions. *Zoology*—Laboratory Practice. Lectures. Excursions. *Botany*—Herbarium Studies. Excursions. *Physiology*—Huxley's. *French.*

SECOND TERM—*Geology*—Dana's. *Anatomy of Vertebrates*—Huxley's. *Zoology*—Laboratory Practice. Lectures. *Botany*—Herbarium Studies, especially in the Cryptogamous Orders. Botanical Literature. Essays in Descriptive Botany. *Meteorology. French.*

Besides the regular courses of recitations and lectures on structural and systematic Zoology and Botany, and on special subjects, students are taught to prepare, arrange, and identify collections, to make dissections, to pursue original investigations, and to describe genera and species in the language of science. For these purposes, large collections in Zoology and Palæontology belonging to the College are available, as are also the private botanical collections of Professor Eaton.

(f.) IN BIOLOGY—PREPARATORY TO MEDICAL STUDIES.

During the Junior year, the work of this course is chiefly under the direction of the instructors in Chemistry. Especial attention is given to qualitative and quantitative analysis, in their physiological and medical bearings; and to the preparation and study of the organic proximate elements. In Toxicology the organic and mineral poisons are carefully studied. The special studies of the Senior year are wholly biological, particular attention being

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paid to the elements of comparative anatomy, histology, and physiology, to structural and physiological botany, and to systematic zoology. Instruction is also given in embryology, the laws of heredity, and human parasites. The order of studies is as follows:

JUNIOR YEAR:

FIRST TERM—*Chemistry*—Qualitative Analysis—Fresenius'. Laboratory Practice. Recitations. *Mineralogy*—Blowpipe Analysis and Determinative Mineralogy. *German. French.*

SECOND TERM—*Physiological Chemistry*—Klein's Handbook. *Toxicology*—Fresenius'. Laboratory Practice. Recitations. Lectures. *Botany*—Lectures, Practical Exercises in Phenogamous Plants, and Excursions. *Mineralogy*—continued. *German. French.*

SENIOR YEAR:

FIRST TERM—*Comparative Anatomy and Histology*—Laboratory Practice. *Physiology*—Huxley's, with Practical Exercises. *Botany*—Practical Exercises, Lectures and Excursions. *Geology*—Dana's Manual. *Zoology*—Lectures and Excursions. *French.*

SECOND TERM—*Comparative Anatomy and Histology*—Laboratory Practice and Recitations. *Botany*—Lectures. Laboratory Practice in Cryptogamia, etc. *Geology*—Dana's Manual. *Zoology*—Lectures. *Laws of Heredity and Principles of Breeding*—Lectures. *French.*

(g.) IN STUDIES PREPARATORY TO MINING AND METALLURGY.

Young men desiring to become Mining Engineers, can pursue the regular course in Civil or Mechanical Engineering, and at its close can spend a fourth year in the study of metallurgical chemistry, mineralogy, etc.

(h.) IN THE SELECT STUDIES PREPARATORY TO OTHER HIGHER STUDIES.

JUNIOR YEAR:

FIRST TERM—*Mineralogy*—Blowpipe Analysis and Determinative Mineralogy. *Astronomy. English*—Early English. *History*—Freeman's Outlines. *French. German.*

SECOND TERM—*Mineralogy*—Lectures. *Physical Geography*—Guyot. Lectures. *Botany*—Lectures and Excursions and Laboratory Practice. *English*—Chaucer, Bacon, Shakespeare. *History*—Freeman's Outlines, with Lectures. *Political Economy*—Rogers's Manual. *German. French.*

SENIOR CLASS:

FIRST TERM—*Geology*—Recitations and Excursions. *Zoology*—Lectures and Excursions. *Linguistics*—Whitney's Life and Growth of Language. *English*—Shakespeare. *History*—Constitutional History of the United States. Lectures. *Political Economy*—Lectures. *French.*

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SECOND TERM—*Geology*—continued. *Meteorology*—Lectures. *Political Economy*—Lectures. *English*—Shakespeare, Milton, Dryden, Pope, and later authors. *History*—Political History of U. S. History of Europe from 1848. Lectures. *French.*

Exercises in English Composition are required during the entire course from all the students. The preparation of graduating theses is among the duties of the Senior Year.

Lectures on Military Science and Tactics are annually given.

THE TERMS AND VACATIONS correspond with those of the Academical Department. (See Calendar, p. 4.)

EXPENSES—The charge for tuition is $150 per year, payable, $55 at the beginning of the first and of the second term, and $40 at the middle of the second term. The special student of Chemistry has an additional charge of $70 per annum for chemicals and use of apparatus. He also supplies himself with gas, flasks, crucibles, etc., the cost of which should not exceed $10 per term. A fee of $5 is charged members of the Freshman Class for chemicals and materials used in their laboratory practice, and the same fee is required from all who take practical exercises in Blow-pipe Analysis and Determinative Mineralogy. A fee of $5 a term is also charged to students in the Zoological Laboratory, for materials and use of instruments. An additional charge of $5 is annually made to each student for the use of the College Reading Room and Gymnasium.

THE FEES for graduation as BACHELOR OF PHILOSOPHY, are $10; unless the person taking the degree is also an academical graduate, when the fee is but $5.

DEGREES.

THE DEGREE OF BACHELOR OF PHILOSOPHY is conferred on those who have completed one of the three-year courses, and have passed the examination at its close.

CIVIL AND DYNAMIC ENGINEER—See page 50.

DOCTOR OF PHILOSOPHY—See page 47.

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SCHOOL OF THE FINE ARTS

THE COUNCIL of this Department consists of the following *ex-officio* members:—the President of the College, the President of the National Academy of Design, the President of the New York Museum of Art, and the Director of the School, who is also the Secretary; together with four regularly appointed Councilors, Mr. HENRY FARNAM, Mr. DONALD G. MITCHELL, Mr. EDWARD E. SALISBURY, and Mr. JOHN D. WHEELER.

THE FACULTY, on whom devolves the internal management of the School, consists of the President of the College, and the Professors whose names and departments of instruction are as follows:—JOHN F. WEIR, Professor of Painting, and Director of the School; JOHN H. NIEMEYER, Professor of Drawing. Other instructors are, FREDERIC R. HONEY, in Geometry and Perspective; JOHN P. C. FOSTER, M.D., in Anatomy. (The chairs of Sculpture and Architecture are unfilled.)

The School has for its end the cultivation and promotion of the Arts of Design, viz.; PAINTING, SCULPTURE, and ARCHITECTURE, both in their artistic and æsthetic aims, through practice and criticism. The aim is—

1st. To provide thorough technical instruction in the Arts of Painting, Sculpture, and Architecture.

2d. To furnish an acquaintance with all branches of learning relating to the History, Theory, and Practice of Art.

The courses of instruction provided under these heads—of Practice and Criticism—may be regarded as distinct, or correlative, embracing that practical and theoretical knowledge of art which is no less desirable for the critic than for the artist.

The course of technical instruction, covering three years, is arranged as follows:*

* No provision has yet been made for instruction in the departments of Sculpture and Architecture, but it is hoped that before long this will be provided.

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First Year

DRAWING—from the flat: from the antique: from the living model.

PERSPECTIVE—descriptive Geometry: shadows and linear perspective: applications and examples.

LECTURES—the elements of form: principles of proportion.

Second Year

DRAWING—technical discipline: studies from the living model.

ANATOMY—the bones and articulations of the skeleton: the muscles and movements of the body: the anatomy of external forms.

PAINTING—technical discipline: studies from casts and still-life.

Third Year

PAINTING—technical practice: studies from the living model.

COMPOSITION—studies in color and chiaroscuro: design.

LECTURES—on the history, theory, and practice of art.

In the departments of Drawing and Painting the practice of the studio is based upon the study of the human form.

The course in drawing is supplemented by lectures on Form and Proportion.

The practice in painting is supplemented by lectures on Color, Chiaroscuro, and Composition.

Drawing is continued, without interruption, through the first half of the course, or until the student evinces that proficiency which will warrant advancement. Painting is continued through the remainder of the course. Students will be encouraged to remain in the School and pursue advanced studies after the three years' course is completed.

In PERSPECTIVE, instruction is given in the form of lectures; students will be required to work out the examples, or problems, and submit them for examination at the next meeting of the class. The subject has three divisions: the first is devoted to descriptive geometry and its application to projection drawing; the second to shadows and linear perspective; and the third to applications and problems. At the close of the course an examination is held, and the standing of the student determined.

In ANATOMY, instruction is likewise given in the form of lectures. This subject has also three divisions: the first is devoted to the bones and articulations of the skeleton; the second to the muscles and movements of the body; and the

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third to the anatomy of external forms. Students are required to draw, in detail, the parts under discussion by the lecturer, and submit the same for examination, at the next meeting of the class. At the close of the course the relative standing of the pupils is determined by examination.

A COURSE OF PUBLIC EVENING LECTURES will be delivered in the School, during the second term.

PRIZES may be competed for, both in Drawing and Painting, at the close of the course provided in these respective departments: (in drawing, a prize of twenty-five dollars for a study from the Antique, and fifty dollars for an approved study from the life; in painting, corresponding prizes of equal amounts;) but the necessary qualification includes, in drawing, an approved knowledge of perspective; and in painting, a requisite acquaintance with anatomy—as provided for by the instruction given in these branches.

DIPLOMAS are only accorded to those who remain through the full course, or pass the requisite examinations. If qualified, the student may enter advanced classes at once.

The CHARGE FOR TUITION is thirty-six dollars for three months, *in advance;* and no student will be admitted for a shorter period. Undergraduate students, in any department of the University, are charged one-half the usual rate of tuition. Art-students are admitted *free* to all the lectures delivered in the School, whether public lectures or those in regular course; to the collections at all times; and are entitled to such privileges, under the usual restrictions, as are granted to students in the other departments of the College.

SPECIAL STUDENTS.—Pupils wishing to enter the School for a short term (of not less than three months), and desiring special instruction, may enter the following classes:—Elementary; Antique; Portrait (crayon, oil, or water-colors); Sketching and Etching; Composition (embracing still-life and costume); Life (drawing or painting); Anatomy; and Perspective.

THE LECTURE COURSE, embracing Anatomy, Perspective, History, Theory, and Practice of Art, may be attended by undergraduates, and others, not pupils of the School, at a charge of one-half the usual rate of tuition.

The School is open to both sexes but no student will be admitted under fifteen years of age.

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The ART LIBRARY will be opened at specified hours for the use of students.

The COLLECTIONS embrace the "Jarves Gallery of Italian Art," numbering one hundred and twenty paintings, dating from the 11th to the 17th centuries; the "Trumbull Gallery" of original portraits and other works, by John Trumbull, numbering fifty-four pictures; a collection of portraits and works of contemporaneous art, numbering about one hundred pictures; together with about one hundred and fifty casts and marbles, the former from many of the best productions of ancient art. The Collections are open daily for the use of students, and to the public, during the winter, from 1 to 4 P. M.; and during the summer, when a special loan exhibition is organized, from 9 A. M. to 6 P. M. The proceeds of the exhibitions are applied to the purchase of material adapted to instruction, and to the incidental expenses of the School.

"Students' Season Tickets," at one dollar each, admitting the holders to the Exhibitions throughout the year, are furnished to students of all other departments of the College.

The Art School occupies a large and beautiful building, (erected for this object by the late Augustus Russell Street, of New Haven), containing commodious galleries well adapted to the purpose of an Art Museum, and for lectures; drawing, painting, and modeling rooms, designed for the instruction of classes; also library rooms and studios.

This department of the College is open to all who desire to avail themselves of its instructions, without restrictions, save as to age and general good character. Its aim is to embrace a wide field of usefulness in connection with the knowledge and promotion of art, and to offer every facility to the student both in the way of criticism and technical discipline.

The course of study, as at present constituted, embraces only that instruction which the School is now prepared to furnish practically and efficiently: this is subject to expansion with the growth of the means at the disposal of the Faculty.

All applications for admission to the school should be made through the Director. It is particularly desirable that these applications be made before October 1st.

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DEPARTMENT OF THEOLOGY

THE FACULTY OF THIS DEPARTMENT consists of the President of the College, a Lecturer on Church Polity and American Church History, a Professor of Hebrew Literature and Biblical Theology, a Professor of Systematic Theology, a Professor of Homiletics and the Pastoral Charge, a Professor of Ecclesiastical History, and a Professor of Sacred Literature.

THE CONDITIONS OF ADMISSION are membership in some evangelical church, or other satisfactory evidence of Christian character, and a liberal education at some College, or such other literary acquisitions as may be considered an equivalent preparation for theological studies. Students of every Christian denomination, in case they are possessed of these qualifications, are admitted.

It is expected that every student will be promptly on the ground at the beginning of the session. Rooms are assigned in the order of application, but no room will be reserved for any applicant who neglects to appear, beyond one week after the opening of the term.

THE REGULAR COURSE OF INSTRUCTION occupies three years, and is arranged in the following order:

JUNIOR YEAR:

Professor DAY will lecture on the Encyclopedia and Literature of Theology, and give instruction in Hebrew Grammar and Philology. Portions of the historical books of the Old Testament in the original will be carefully read and analyzed, and critical and exegetical dissertations presented by the class on points of special difficulty or importance.

Professor DWIGHT will give instruction in the exegetical study of the Greek New Testament. The course includes, in addition to the regular exegetical exercises, the critical investigation of the Greek text and the study of the subjects connected with the Introduction to the New Testament. Dissertations of a critical and exegetical character will, also, be prepared by the students and discussed in the presence of the class.

Professor HARRIS will lecture on Mental Philosophy with special reference to the study of Theology; also on Natural Theology, the Evidences of Christianity, and the Inspiration of the Scriptures; also, as incidental to these topics, on the various forms of Skepticism.

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MIDDLE YEAR:

Professor HARRIS will lecture on Systematic Theology. This course will include a full and systematic investigation of the doctrines of Christianity, and of existing questions and controversies in respect to them. The lectures are accompanied by examinations and free discussions.

Professor FISHER will lecture on General Church History, including the following topics: an historical survey of the Old or Preparatory dispensation in its relation to Christianity; the establishment and spread of Christianity (including Missions and persecutions); Ecclesiastical Polity (including the rise and rule of the Papacy, and the Reformation); and the History of Christian Life and Worship.

Professor DAY will give instruction in Biblical Theology, with special reference to the progressive stages of Divine revelation, and the doctrinal results of the modern critical study of the Bible. He will also lecture on portions of the Hebrew Scriptures, especially the poetical and prophetical books.

Professor DWIGHT will continue to give instruction by lectures and recitations, in the exegetical study of the New Testament, especially the Pauline Epistles.

Dr. BACON will lecture on American Church History.

SENIOR YEAR:

Professor HOPPIN will lecture on Sacred Rhetoric and Homiletics, and also on Pastoral Theology, including the office, qualifications, pastoral duties, and special work of the ministry; he will also take charge of the practical exercises in Preaching, and in the criticism of the style and delivery of Sermons.

Professor FISHER will lecture upon the history of Christian Doctrine and on Symbolical Theology, and students will be aided in pursuing historical investigations for themselves.

Dr. BACON will give a series of lectures on Church polity, with special reference to the polity and discipline of the Congregational Churches.

Professor DWIGHT will lecture on some topics of special interest connected with the different books of the New Testament.

Professor DAY will read, with those who wish to prosecute the study of Syriac, the Peshito version of the New Testament.

Optional Studies in either Year:

Professor DAY will read, free of charge, with those students who desire to become familiar with the theological literature of Germany and have made some progress in the language, some standard work in German on Christian doctrine, with critical remarks, and references to the ablest works on special topics. The grammatical study of the language may be pursued with the classes in the Sheffield Scientific School.

Professor WHITNEY will give instruction to those who desire it in Sanskrit.

Instruction in vocal music is given gratuitously to students who desire it.

(See p. 56.)

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The following courses of lectures in the Academical Department may be attended, free of charge, provided that they do not interfere with the regular studies of the Seminary: on *Intellectual and Moral Philosophy*, by President PORTER; on *Natural Philosophy*, by Professor LOOMIS; on *Evolution and Cosmogony*, by Professor DANA; on *History*, by Professor WHEELER; on *Political and Social Science*, by Professor SUMNER. Students may also be admitted to the various courses of lectures in the Sheffield Scientific School. Those who intend to become Foreign Missionaries have the privilege of attending gratuitously the lectures in the Medical Department.

EXERCISES IN PUBLIC SPEAKING—There will be an exercise for all the classes, in the presence of the Faculty, once in two weeks, in the reading of the Scriptures and hymns, and in the delivery of sermons, or parts of sermons, or addresses. Every alternate week there will be a conference, designed to cultivate the power of *extemporaneous speaking*, in which the students will be called on to present their views on some subject selected by the Faculty. Weekly debates are also held by the students, in societies of their own.

Instruction in Elocution will be given by Mr. BAILEY, the Instructor in the Academical Department.

LICENSE TO PREACH—The regular time for applying for a license is at the close of the second year's study, before which time members of the Department are not allowed to preach.

PUBLIC WORSHIP—Prayers are attended every morning in the MARQUAND Chapel, with reading of the Scriptures and singing. It is optional with the student whether to connect himself with the College Church, or with one of the City Churches; but whatever may be his decision it is hoped that he will actively engage, so far as may not be inconsistent with the prosecution of his studies, in some form of City Mission, Sabbath School, or other benevolent labor, for which constant opportunities are offered.

LIBRARIES—The Reference Library of the School, containing nearly two thousand volumes in various languages, and established through the liberality of Mr. Henry Trowbridge, of New Haven, is placed in the East Divinity Hall. It is designed to furnish the students with the standard and most recent books in every branch of theological literature and those most frequently called for in the pursuit of their studies. It is open daily for consultation, and thus takes the place, for each student, of a well selected and extensive private library.

The valuable Library of Church Music, belonging to the late Dr. Lowell Mason, has been recently given to the Department by his family. This Library, which is placed in the West Divinity Hall, and is one of the largest of the kind in the country, will be open for the use of students.

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The College Library, to which the students have access without charge, contains nearly 90,000 volumes, and is open five hours on every secular day for consultation and for the drawing of books.

The library of the College literary societies, containing over 20,000 volumes in general literature, is accessible to theological students.

PHYSICAL EXERCISE—The College Gymnasium is open to the students of this department at a small charge. The harbor of New Haven affords excellent facilities for boating, to those inclined to this mode of exercise.

THE ROOMS in the two DIVINITY HALLS are provided with carpets, beds, and every necessary article of furniture (except bedding). They are assigned to new students in the order of application. A few rooms have two bedrooms attached to them, but, in general, provision is made for each student to room alone. The buildings are warmed throughout by steam, and lighted by gas. Bath-rooms are placed on every floor. The buildings are thoroughly ventilated on an approved system.

EXPENSES AND PECUNIARY AID—Students have only to make pecuniary provision for about eight months of study annually. In the remaining four months of vacation, from May to September, they have the opportunity of engaging in Home Missionary or other labor, with remuneration for their services.

The expenses for the annual session are $3.25 to $4 a week for board; $25 to $35 for fuel and lights; and $10 a year for care of room and other incidental expenses. There is no charge for instruction, room rent, or use of Libraries.

Students whose circumstances require it, will receive $100 a year from the income of Scholarships and other funds belonging to the Department. Additional aid, generally to the amount of $100 annually, but sometimes less, is afforded by the American Education Society to its beneficiaries. In special cases additional aid toward the expenses of board will be given. These means of assistance fully cover the expenses mentioned above.

The Scholarships belonging to the Department bear respectively the names of James Hillhouse, William Leffingwell, George E. Dunham, Normand Smith, E. E. Salisbury, Thomas R. Trowbridge, Charles Atwater, Richard Borden, Samuel Holmes, Charles Nichols, Roland Mather, Noah Porter, John

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DeForest, J. R. Beadle, David Root, Mary Goodman, Orin Fowler, and Edward Bull.

A Graduate Scholarship has been established in this Department, as a memorial of the late Mrs. Aurelia D. Hooker, of New Haven. It was offered for the first time to the class which entered in September, 1876, and will be assigned at graduation to that member of the class who shall be judged by the Faculty of the Department to be most worthy of it. It is offered the second time to the class entering in 1878. The person to whom the scholarship shall be given will receive the annual income ($700) for two years after graduation, and will be expected to pursue a course of theological study, either as a resident at the Seminary, or in case he may prefer to do so, in Europe and Palestine.

After the close of the second year in May, students have frequent opportunities to receive remuneration for preaching in the neighboring churches.

In general it may be said, that sufficient aid will be provided for every young man who gives promise of usefulness in the ministry, to enable him, in connection with his own efforts, to complete a course of theological study.

COMMENCEMENT OF THE TERM, VACATION, ETC.—The session for 1878–79 began on Thursday, Sept. 12, and will continue till the third Thursday in May, when the public Anniversary is held. The annual examination of the classes, and the meeting of the Alumni, are held in the same week. The next annual term will begin on Thursday, September 11, 1879.

By thus throwing all the vacations into one, the most favorable season of the year is secured for study, while the opportunity is given, in the four months' vacation, to engage in some form of benevolent labor, in connection with the mission efforts of the churches, or in the service of one of the benevolent societies, by which the practical experience required of the pastor, as well as pecuniary compensation, may be obtained. Should any students prefer to spend the vacation in theological reading, the Professors will counsel them in the choice of books.

THE DEGREE of Bachelor of Divinity is conferred on all members of the Department who at the end of the Senior year pass the prescribed examination, and present an approved thesis on some topic in theology.

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DEPARTMENT OF MEDICINE

THE FACULTY OF THIS DEPARTMENT consists of the President of the College, a Professor of Chemistry and Toxicology, a Professor of Obstetrics and the Diseases of Women and Children, a Professor of Materia Medica and Therapeutics, a Professor of Histology and Pathology, a Professor of the Theory and Practice of Medicine, a Professor of Surgery, and a Professor of General and Special Anatomy; also, a Lecturer on Physiology, a Lecturer on Ophthalmology and Otology, a Lecturer on Insanity, and a Demonstrator of Anatomy.

The course of study is divided into two terms in each year, a Spring Term and a Winter Term.

In the Spring Term, instruction is given by recitations and lectures. In this Term the students are classified, so that those who are just entering on the study are taught during their *first* year only the more elementary branches; while the studies of the *second* year include the more practical branches. Provision is made for students attending a *third* year, to review the studies of the entire course, with the addition of such collateral branches and advanced courses of reading as the necessities or attainments of individual pupils may require. Two or more recitations are held daily.

The instruction in the Winter Term is conducted by means of Public Lectures, with daily examinations, illustrated by Hospital Instruction and Medical and Surgical Clinics, with abundant facilities for Anatomical Dissections.

While the studies of each of these terms are independent and so far complete in their parts that they may be pursued separately with profit, yet they are designed to be so related to each other, that together they make a full and rounded curriculum of proportional study. In no way can the student more easily and naturally acquire a clear and comprehensive knowledge of the medical sciences in their present advanced position, than by taking these courses in connection, and pursuing his studies at the College for the entire period of three years.

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The Spring Term will begin February 13, 1879, and continue till the Annual Commencement, June 23. The Winter Term for 1879–80, will be *the Sixty-seventh Annual Course of Lectures.*

CHEMISTRY—The chemical instruction in each term is intended to supplement that given in the other. In the Winter Term, lectures, fully illustrated by experiments, are given upon General Chemistry during the first half of the term; and upon Organic and Physiological Chemistry (including the Chemistry of the urine) and Toxicology during the second half. In the Spring Term, Theoretical Chemistry is taught by recitations, and Practical Chemistry by Laboratory work. The Junior Class work in Elementary Qualitative Analysis; the Middle Class in advanced Analysis, including the examination of drugs, the urine, calculi, etc. These exercises consist of three hours' daily work. The Senior Class are taught to make original researches in Physiological Chemistry.

NORMAL AND PATHOLOGICAL HISTOLOGY is illustrated by a sufficient number of compound microscopes and a large collection of the best preparations.

CLINICS—The lectures on Surgery and on the Theory and Practice of Medicine are amply illustrated at the Clinics which are held almost daily. Lectures on Diseases of Women are also made more practically instructive by a weekly Clinic at the College. The Surgical and Medical Clinics and the Clinics for Eye Diseases, which are held on their respective days at the College, are still further supplemented by the facilities afforded by the New Haven Dispensary and the Clinics which are held once or twice every week at the State Hospital. In connection with the Clinics, students are made thoroughly conversant with the special methods of the expert practitioner, by having exhibited to them from day to day all the recent advances attained in special manipulations, physical explorations, and the enlightened employment of remedies. All Surgical operations are performed in the presence of the students, and every endeavor is made to familiarize them with the use of all instruments and surgical appliances.

OPHTHALMOLOGY AND OTOLOGY are taught by a course of practical Lectures, with Clinical Illustrations.

DISSECTING ROOMS—The spacious and well-appointed Dissecting Rooms are amply supplied with anatomical material at a reasonable charge, under the personal direction of the Demonstrator.

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THE MUSEUM contains a large collection of natural and morbid specimens, numerous casts, plates, and models, of elegant execution, and an extensive Cabinet of Materia Medica, all of which are made practically useful in illustrating the subjects taught. The University Libraries and Collections in Natural History are also open for the use of students.

COMPARATIVE ANATOMY, ZOOLOGY, AND OTHER DEPARTMENTS COLLATERAL TO MEDICAL STUDIES — Special advantages are offered to Medical Students for the pursuit of Zoology, Comparative Anatomy, Botany, and other cognate studies, in connection with the Sheffield Scientific School.

REQUIREMENTS FOR GRADUATION — Every candidate for a degree is required to possess, in addition to a good English education, a competent knowledge of the Latin language and of the principles of Natural Philosophy;* to present to the Dean, two weeks before examination, a *Thesis*, written by himself, upon some medical subject; to present a satisfactory certificate that he is twenty-one years of age, and possesses a good moral character. He must have attended two full courses of public lectures, one at least of which must have been in this Institution. He must present a satisfactory certificate from a respectable and regular practitioner of medicine that he has attended to the study of physic and surgery for three years, including the time spent in attendance on medical lectures.† In case he is a graduate of college his diploma is received as equivalent to a certificate of medical study for one year.

The Board of Examiners consists of the Faculty and an equal number of the Members of the Connecticut Medical Society, appointed by the President and Fellows of the same; and the President of the Society is *ex-officio* President of the Board.

Separate written examinations are required in each of the following branches:—

* All students who are not graduates of colleges will be examined in English branches, including Algebra to quadratic equations, and Balfour Stewart's Elementary Physics or its equivalent, and also in the Latin Grammar and Reader. It is optional with students to pass this examination before entering college, or at any time before presenting themselves for examination in their medical studies.

† The Spring Term is counted as part of the time required for Medical Study, but *does not count* as one of the courses of Public Lectures required for Graduation.

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1. Chemistry.
2. Anatomy.
3. Physiology.
4. Materia Medica.
5. Histology and Pathology.
6. Therapeutics.
7. Theory and Practice of Medicine.
8. Obstetrics.
9. Surgery.

Students who have attended two full courses of lectures on Chemistry, Anatomy, Physiology, and Materia Medica, may be examined on those subjects, at the close of any regular term; and if giving satisfactory evidence of proficiency in them, their examination will be considered as final on those subjects, and at the end of their course they will be examined only on the other branches.

Two examinations for degrees are held annually: one at the close of the Winter Term, and the other at the close of the Spring Term, ending on the Tuesday before Commencement.

TUITION FEES, ALWAYS REQUIRED IN ADVANCE.

Matriculation Fee, paid annually,	$ 5.00
Course of Lectures in Winter Term,	105.00
For the Spring Term,	60.00
Contingent Expenses of Laboratory, Spring Term,	10.00
Demonstrator's Ticket,	5.00
Graduation Fee,	25.00

In the Winter Term students may take the whole or part of the lectures, at their option; fee for each Professor's ticket, fifteen dollars.

Those who have attended two full courses of lectures in this Institution, and those who have attended one full course of lectures in this Institution and a full course in a similar Medical College, are entitled to admission to the Lectures of any future Winter Term on the payment of five dollars for incidental expenses. Those who have attended two full courses in any other accredited Medical College, may receive all the tickets for the Winter Term, including Matriculation for fifty dollars.

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DEPARTMENT OF LAW

THE FACULTY OF THIS DEPARTMENT consists of the President of the College, a Professor of Mercantile Law and Evidence, a Professor of Elementary and Criminal Law and the Law of Real Property, a Professor of Constitutional Law, Contracts, and Wills, a Professor of Pleading and Equity Jurisprudence, and a Professor of International Law. Lectures are also delivered by Rev. LEONARD BACON, D.D., LL.D., on Ecclesiastical Law, Hon. ORIGEN S. SEYMOUR, LL.D., on Judicial Procedure and Practice, Hon. LAFAYETTE S. FOSTER, LL.D., on Parliamentary Law, and Methods of Legislation, Professor WAYLAND on English Constitutional Law and History, Professor ROBINSON on Forensic Oratory and the Origin of Law, MARK BAILEY, M.A., on Forensic Elocution, Professor BALDWIN on Roman Law and the Administration of Estates, Professor PLATT on General Jurisprudence, and FREDERIC H. BETTS, M.A., on Patent Law.

TERMS AND VACATIONS—There are three terms in each year: the Fall term, beginning on the last Thursday of September and continuing to the Thursday before Christmas: the Winter Term, beginning in January, after a vacation of three weeks, and closing the last Thursday of March; and the Spring Term, beginning on the second Thursday of April and continuing until Commencement. (See Calendar, p. 4.)

COURSE OF INSTRUCTION

UNDERGRADUATE COURSE

The Undergraduate Course occupies two years, the students being divided into two classes, for each of which a special course of study is provided. The daily exercises consist of lectures and recitations from standard text-books, the latter being accompanied by oral explanations. The students are frequently referred to the leading cases on the subject under consideration, and are required to be prepared for questions upon them at the next exercise: they are also encouraged to put questions freely to the instructor at all recitations. Moot Courts are regularly held, at which one of the professors acts

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as judge. The students acting as counsel, in the argument of cases, are required to draw the necessary pleadings in the common law form.

Members of either Class can attend the lectures of Professors to undergraduates in other Departments of the College, whenever it is compatible with their other engagements; and, with a few exceptions only, without charge. They can also attend one or more of the special courses of graduate instruction in the Department of Philosophy and the Arts, on payment of a moderate fee. (See page 48.)

The regular curriculum of study is as follows:

JUNIOR YEAR:

FALL TERM—Recitations: Elementary Law, Prof. Robinson; Contracts, Prof. Baldwin; Torts, Prof. Platt; International Law, Prof. Woolsey. Lectures: Nature and History of American Law, and Wills, Prof. Baldwin.

WINTER TERM—Recitations: Contracts, Prof. Baldwin; Mercantile Law, and Evidence, Prof. Wayland; Torts, and Pleading, Prof. Platt; International Law, Prof. Woolsey. Lectures: Wills, Prof. Baldwin; Forensic Oratory, Prof. Robinson.

SPRING TERM—Recitations: Contracts, Prof. Baldwin; Mercantile Law, and Evidence, Prof. Wayland; Pleading, Prof. Platt. Lectures: English Constitutional Law, Prof. Wayland; Origin of Law, Prof. Robinson: Forensic Elocution, Mr. Bailey.

SENIOR YEAR:

FALL TERM—Recitations: Equity, Prof. Platt; Contracts, Prof. Baldwin; Mercantile Law, Prof. Wayland. Lectures: International Law, Prof. Woolsey; American Constitutional Law, Prof. Baldwin.

WINTER TERM—Recitations: Contracts, Prof. Baldwin; Mercantile Law, Prof. Wayland; Equity, Prof. Platt. Real Property, Prof. Robinson; Lectures: American Constitutional Law, Prof. Baldwin.

SPRING TERM—Recitations: Contracts, Prof. Baldwin; Real Property, and Criminal Law, Prof. Robinson. Lectures: Roman Law, Comparative Jurisprudence, and Practice, Prof. Baldwin.

Any one or more of these studies may be pursued by those who do not intend to engage in the practice of the Law, but wish to obtain a knowledge of its principles to complete their education, or with reference to mercantile pursuits.

The principal text-books used are, in Junior year, Robinson's Notes on Elementary Law, Addison on Torts, Parsons on Contracts, Stephen on Pleading, Woolsey's Introduction to the Study of International Law, and Greenleaf on Evidence, vol. I; in Senior year, Parsons on Contracts, Story on Equity Jurisprudence, and Washburn on Real Property.

Students are also recommended to read during their course the following works, in connection with their regular exercises: Blackstone's Commen-

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taries, Kent's Commentaries, Smith's Leading Cases, Maine's Ancient Law, Hadley's Roman Law, and Cooley on Constitutional Limitations.

At the close of the Spring Term, each Class is subjected to a written examination on the studies of the preceding year.

GRADUATE COURSE

The Graduate Course occupies two years, and is open to graduates from any Law School, having the degree of LL.B., under the conditions specified on p. 90. The vacations are the same as those in the undergraduate course in this department. The degree of Master of Law (M.L.) will be conferred upon examination at the close of the first year, and that of Doctor of Civil Law (D.C.L.) at the end of the second year. The curriculum for the first year is particularly designed to supplement that of the undergraduate course by affording further instruction in the branches there pursued; that of the second year is designed to meet the wants of those who aim at acquiring a thorough acquaintance with jurisprudence and its affiliated studies, as a means of completing their education, without confining themselves to such topics as are of the first necessity to the practicing lawyer.

The arrangement of the curriculum is as follows:

For Candidates for the Degree of M.L.—English Constitutional History, Prof. A. M. Wheeler; Admiralty Law and Patents, Prof. Robinson; Practice in the U. S. Courts, Rail Road Law, and American Constitutional History, Prof. Baldwin; Corporations and Procedure in States having a Civil Code, Prof. Platt; International Law, Prof. Woolsey.

For Candidates for the Degree of D.C.L.—Parliamentary Law, History of the Law of Real Property, and Canon Law, Prof. Robinson; Comparative Jurisprudence, and Conflict of Laws, Prof. Baldwin; General Jurisprudence, Prof. Platt; Roman Law, Mr. A. S. Wheeler; Relations of Physical Geography to Political History, Prof Brewer; Political Economy. Prof. Walker; Political Science, Prof. Sumner.

Among the principal text-books used, are Parsons on Maritime Law, Curtis on Patents, Desty's Federal Procedure, Pierce on American Railroad Law, Austin on Jurisprudence, Angell and Ames on Private Corporations, Dillon on Municipal Corporations, Pomeroy's Remedies and Remedial Rights, the Commentaries of Gaius, Institutes of Justinian, selected titles of the Pandects, Story on the Conflict of Laws, Cushing's Parliamentary Law, Digby on the Early History of Landed Property, and Wharton on Private International Law.

There will be regular exercises for those pursuing each year of the graduate course, the preparation for which with the collateral course of reading which will be prescribed for each, the composition of the graduation thesis,

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etc., will be such as to occupy the working time of the student through the year.

A knowledge of Latin will be necessary for those pursuing the studies of the last year of the course, but will not be indispensable for candidates for the degree of M.L.

TERMS OF ADMISSION TO UNDERGRADUATE COURSE—Applicants for admission to the Junior Class must be at least eighteen years of age, and must produce certificates of good moral character. No student who has not taken a degree from some collegiate institution, will be admitted as a candidate for a degree, until he has passed a satisfactory examination on the outlines of the History of England, and of the United States, and the text of the Constitution of the United States. This will be conducted in writing, and the style of the composition and orthography in the answers, as written, must be such as to evince a competent knowledge of English Grammar.

To entitle a person to admission to advanced standing as a member of the Senior Class, he must be at least nineteen years of age; must, if a college graduate, have studied law under a competent instructor for at least one year, or at the law school of some college or university for at least six months; must, if not a college graduate, have studied law under a competent instructor for at least two years, or at a law school for at least one year; and if not an attorney at law, must pass such an examination as is required for those entering the Senior Class in the regular course, and also (unless a college graduate) such an examination as is required of applicants for admission to the Junior Class.

Applicants for admission to advanced standing who have received a collegiate degree, or have passed the preliminary examination in English studies specified above, may either attend the regular annual Junior examination, which commences the second week before Commencement, or pass a special examination, beginning on the first Saturday of the Fall Term, or on the last Thursday of February, at which it will be sufficient if they are prepared to be questioned on Kent's Commentaries, lectures first to nine inclusive, fourteen to eighteen inclusive, and twenty, twenty-one, sixty, sixty-two, and sixty-eight: Parsons on Contracts, subjects of bailments, partnerships, notes and bills, agents, executors and guardians, corporations and artificial persons, gifts, capacity to contract,

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consideration and assent, sales, warranty, hiring, suretyship, telegraphs, infancy, married women, interest, marriage, construction, defences, estoppels, statute of limitation, damages, and liens; Blackstone's Commentaries, Robinson's Notes on Elementary Law, Stephen on Pleading, Greenleaf on Evidence, vol. I, Woolsey's Introduction to the study of International Law, and Addison on Torts.

Special students, not candidates for a degree, will be admitted to any of the exercises of the School, as heretofore, without examination.

EXAMINATIONS—There will be preliminary examinations of candidates for admission to the Junior Class at the opening of the Fall Term, and at no other time.

Candidates for admission to the Senior Class will be examined, as above, at the end of the Spring Term, or beginning of the Fall Term; or on the last Wednesday of February.

Seniors will be examined for a degree only at the close of the Spring Term; or on the last Wednesday of February, when their prescribed period of study shall mature at that time.

Examinations for degrees in the graduate course will be held only at the close of the Spring Term.

Every candidate for each degree, both in the undergraduate and graduate courses, must also submit a thesis on a given legal topic, which must be approved by the Faculty.

LIBRARY—The special Library of the Department, which has a permanent endowment for its support (the English Fund),* contains over eight thousand volumes, comprising a complete collection of the English, American, and Irish Reports of judicial decisions, and an extensive collection of text-books, and works on jurisprudence and political history and philosophy. The consulting room is also supplied with the leading legal periodicals. The Library is open daily, during term time, from 8 A. M. to 12:45 P. M., and from 2 to 5:45 P. M. (with the exception of Saturday afternoon); during vacations it is not opened until 9 A. M.

The students can also draw books without charge from the general University libraries, now containing over 100,000 volumes.

* Established by Hon. James E. English, M.A., in 1873.

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PRIZES are annually awarded as follows: The TOWNSEND Prize,* of one hundred dollars, is annually awarded to that member of the Senior Class who shall write and pronounce the best oration or thesis at his graduation, at the public anniversary exercises of the Department, on the day before Commencement;

The JEWELL Prize,† of fifty dollars to that member of the Senior class who receives the highest marks at the final examination of his class at their graduation;

The BETTS Prize,‡ of fifty dollars, to that member of the Junior class who receives the highest marks at his annual examination;

BUILDINGS, AND FACILITIES FOR OBSERVING PRACTICE—The School occupies an entire story of the Court House of New Haven County, having upon the same floor a lecture room accommodating two hundred students, a large library hall, a Moot Court room, an instructors' room, and other apartments furnishing every needed convenience for Law clubs and debating societies.

Two terms of the Supreme Court of Errors of Connecticut, one term of the United States Circuit Court, and two terms of the United States District Court, are held annually in New Haven; and the Superior Court and Court of Common Pleas, the principal *nisi prius* Courts of the State, are also in session almost daily, during each of the Law School terms.

DEGREES—In the Undergraduate course the degree of Bachelor of Laws will be conferred by the Corporation, upon the recommendation of the Faculty of the Department, based on a satisfactory examination and the submission of a satisfactory thesis, on the following persons:

1st. Attorneys at Law, who have been members of the Department for one year after their admission to the Bar.

2d. Any students who have been members of the Department for not less than two years, and who passed satisfactorily the Junior Examination at the end of their first year.

3d. Students who have received the degree of Bachelor or Doctor in any of the Arts or Sciences from any incorporated

* Established by Hon. James M. Townsend in 1874.

† Established by Hon. Marshall Jewell, M.A., in 1871.

‡ Established by Frederic H. Betts, M.A., in 1875.

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College or University, and have subsequently been members of this Department for not less than eighteen months, and who passed satisfactorily an examination at the end of their first six or twelve months, on all the studies of the Junior year.

4th. Upon students who have been admitted to advanced standing as members of the Senior Class, and have remained in that Class for not less than one year.

Graduates of the Department receiving this degree are admitted to the Connecticut Bar without further examination.

In the Graduate Course the degree of Master of Law (M.L.) will be conferred by the Corporation on the recommendation of the Faculty of the Department, on persons, who, after having taken the degree of Bachelor of Laws, pursue, during at least one year, such a course of advanced studies as the Faculty may direct.

Bachelors of Laws, who also have the degree of Bachelor of Arts or of Philosophy, or who, having the degree of LL.B. from this College, ranked among the first quarter of their class in scholarship, according to their average marks at their final examination for that degree, may, after having taken the degree of M.L., apply for that of Doctor of Civil Law (D.C.L.). All applicants for the latter degree must have a good knowledge of Latin, and also of either the French or German language. The course of instruction will extend over one year after taking the master's degree, and the Faculty will recommend no one for the degree of D.C.L., who has not attained a high standard of proficiency in the studies pursued.

Neither degree will be conferred, except upon candidates who pursue their studies at New Haven, under the direction of the Faculty, pass with credit a strict final examination, and present a satisfactory thesis.

EXPENSES—The fees for tuition and use of the Library in the Undergraduate course are $45 for the Fall Term, $35 for the Winter Term, and $35 for the Spring Term, or $100 for the entire session, and in the Graduate course, $125 for each year, to be paid to the Treasurer of the College in advance, or secured by bond satisfactory to him; where payment is not made in advance, interest will be added. Candidates for a degree who pursue their studies beyond the minimum period of attendance required before applying for examination, will be charged only half these rates for their subsequent tuition.

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The diploma fee is $5, and the Court fees for admission to the Bar are $8. A further fee of $5 is chargeable for admission to practice in the U. S. Courts for the District of Connecticut, if this is also desired. The tuition charges for special students, not candidates for a degree, vary in proportion to the amount of instruction and supervision required, but will never exceed those made in the regular course.

Board and lodging can be obtained at prices ranging from $5 a week upwards.

For further particulars, inquiries may be addressed to Professor Francis Wayland, Dean of the Faculty, at New Haven, Conn.

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PEABODY MUSEUM OF NATURAL HISTORY

TRUSTEES

PROFESSOR JAMES D. DANA, PH.D., LL.D., *Chairman*
HIS EXCELLENCY RICHARD D. HUBBARD, LL.D., *ex-officio*
THE HONORABLE ROBERT C. WINTHROP, LL.D.
PROFESSOR BENJAMIN SILLIMAN, M.D.
PROFESSOR GEORGE J. BRUSH, M.A., *Treasurer*
PROFESSOR OTHNIEL C. MARSH, M.A.
GEORGE PEABODY WETMORE, M.A.

CURATORS

OTHNIEL C. MARSH, M.A., *Curator of the Geological Collection*
ADDISON E. VERRILL, M.A., *Curator of the Zoological Collection*
EDWARD S. DANA, Ph.D., *Curator of the Mineralogical Collection*

The gift of the Founder, GEORGE PEABODY, of London, was committed to the Board of Trustees, in October, 1866, "to found and maintain a Museum of Natural History, especially in the departments of Zoology, Geology, and Mineralogy, in connection with Yale College." Of the entire gift ($150,000), $100,000 was devoted by the donor to the erection, on land given for the purpose by the President and Fellows of the College, of a fire-proof building, planned with special reference to subsequent enlargement. Of the remainder of the gift, the sum of $20,000 is set apart as a reserve fund for the completion of the building, and the income of $30,000 is available for the care of the Museum and the increase of its collections.

By the accumulations from investment of the original building-fund, the first wing of the Museum is now completed, at a cost of about $140,000, or, with cases, $175,000.

The basement will be used for exhibiting the collection of fossil footprints from the Connecticut valley, and for work and storerooms. The first story contains the Mineralogical Collection, and rooms for instruction in Mineralogy, as well as the general lecture room. The second story is entirely devoted to Geology, and the third to Zoology. The fourth is used for the collection in Archæology and Ethnology, and for storerooms.

So far as the collections are arranged, the Museum is open to students and the public every day in term-time.

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LIBRARIES

THE COLLEGE LIBRARY numbers about 88,000 volumes, besides many thousand unbound pamphlets. It is designed for the use of the College officers, resident graduates, and the students of the various departments. Other persons may have the privilege of consulting the Library and drawing books, by permission of the Library Committee. The Library is open daily in term-time from 9½ A. M. to 1 P. M., and from 2½ to 5 P. M. (or, during the winter months, to 4½ P. M.)

In the same building is the LINONIAN AND BROTHERS LIBRARY, designed primarily for the use of the undergraduate students, and containing over 20,000 volumes. This library is open daily, from 1½ to 2½ P. M.; on Wednesdays and Saturdays from 10 A. M. to 12 M. and from 1½ to 4 P. M.

The Departments of Theology, of Medicine, and of Law, the Sheffield Scientific School, and the School of the Fine Arts, have each a special Library, accessible to the students of those schools.

The Library of the AMERICAN ORIENTAL SOCIETY, numbering about 3,500 printed books and manuscripts, is kept in the College Library building.

SUMMARY

College Library (exclusive of pamphlets), about -	88,000 vols.
Linonian and Brothers Library, about - - -	21,000 "
Libraries of the Professional Schools, about - -	18,000 "
	127,000

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APPENDIX

APPOINTMENTS FOR COMMENCEMENT,

IN THE UNDERGRADUATE ACADEMICAL DEPARTMENT, JUNE 27, 1878

ORATIONS

CLARENCE HILL KELSEY, Valedictory Oration, *Bridgeport*
WILLIAM HOWARD TAFT, Salutatory Oration, *Cincinnati, O.*
GEORGE LOUIS CURTIS, Philosophical Oration, *Canandaigua, N. Y.*
GEORGE SMITH PALMER, Philosophical Oration, *Montville*

Alfred L. Ripley, *Andover, Mass.*
George T. Knott, *Springfield, Mo.*
Charles S. Shepard, *Buffalo, N. Y.*
William M. Aber, *Oswego, N. Y.*
Hollis W. Cobb, *Shrewsbury, Ms.*
John G. Jennings, *Cleveland, O.*
Harry C. Coe, *Cincinnati, O.*
Stanley W. Dexter, *San Francisco, Cal.*
Charles Parsons, *New York City*
Douglas P. Birnie, *Springfield, Mass.*

Harlan P. Beach, *South Orange, N. J.*
Frank A. Beckwith, *Waterbury*
Edward H. Seely, *Brooklyn, N. Y.*
Burgess S. Hurtt, *New Haven*
William E. Waters, *Cincinnati, O.*
Walter Squires, *New York City*
Benj. R. Wendell, *Cazenovia, N. Y.*
Reynold W. Wilcox, *Madison*
Edward B. Whitney, *New Haven*
Philip W. Moen, *Worcester, Mass.*

DISSERTATIONS

Charles P. Woodbury, *Norwalk*
Arthur P. Dana, *Wellesley, Mass.*
Jas. M. Lamberton, *Harrisburg, Pa.*
Joseph A. Ticknor, *New Marlboro', Mass.*
Edward P. Hickox, *Washington*
Lawrence H. Schwab, *Fordham, N. Y.*

DISPUTES

Edward W. Flagg, *Northboro', Mass.*
John I. McDonald, *St. Joseph, Mo.*
Walter L. Merwin, *Durham*
Charles A. Feick, *Newark, N. J.*
James B. McEwan, *Albany, N. Y.*
Edward L. Morse, *Poughkeepsie, N. Y.*
William K. James, *Hamburg, Iowa*
Edgar H. Stone, *Sioux City, Iowa*
Roger S. B. Foster, *Boston, Mass.*
John N. Peet, *Brooklyn, N. Y.*
Joseph I. Tayntor, *Marlboro', Mass.*

Charles H. Dilley, *Watertown, N. Y.*
Louis Hood, *Newark, N. J.*
George Trowbridge, *New York City*
Oliver W. Brown, *Norwich*
Andrew F. Currier, *Poughkeepsie, N. Y.*
Edwin W. Smith, *Pittsburgh, Pa.*
John Trumbull, *Valparaiso, Chili*
Clarence S. Woodruff, *Wilkes Barre, Pa.*
Albert B. Fifield, *Providence, R. I.*

COLLOQUIES

Charles E. Briggs, *Rockford, Ill.*
William R. Sanborn, *New Haven*
William P. Belden, *New Haven*
George E. Gilbert, *New Haven*
Henry M. Hoyt, *Wilkes Barre, Pa.*
George W. Burton, *Manchester, Vt.*
F. V. McDonald, *San Francisco, Cal.*
Geo. P. Whittlesey, *Washington, D.C.*
Isadore N. Bloom, *Louisville, Ky.*
Archibald A. Dershimer, *Falls, Pa.*

Clinton Spencer, *Suffield*
Edward W. Smith, *West Meriden*
Harold S. Van Buren, *Englewood, N. J.*
Arthur B. Taylor, *Springfield, Mass.*
Alexander J. Bruen, *New York City*
Marion Wilcox, *New Haven*

The graduating class numbered one hundred and twenty-three.

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APPOINTMENTS FOR JUNIOR EXHIBITION,

IN THE UNDERGRADUATE ACADEMICAL DEPARTMENT, APRIL 11, 1878

ORATIONS

LLOYD W. BOWERS, *Elizabeth, N. J.*
ERNEST CARTER, *Chicago, Ill.*
AARON VAN S. COCHRANE, *Coxsackie, N. Y.*
JOHN M. FOX, *Salem*
MALCOLM MCI. MCKENZIE, *New Haven*
HENRY J. TENEYCK, *Albany, N. Y.*

Ralph Barker, *New York City*
Louis N. Booth, *Bridgeport*
Lucien F. Burpee, *Rockville*
Henry C. Crouch, *Kingston, N. Y.*
John V. Farwell, *Chicago, Ill.*
George F. Foster, *Grand Rapids, Mich.*
Samuel M. Foster, *Newburgh, N. Y.*
John L. Franklin, *New Haven*
Rob't R. Griswold, *Binghamton, N. Y.*
Ivan M. Marty, *Kansas City, Mo.*
Edward McA. Noyes, *Woodbury*
Thomas E. Rochfort, *New Haven*
Louis L. Stanton, *New York City*
Ambrose Tighe, *Brooklyn, N. Y.*
Otis H. Waldo, *Milwaukee, Wisc.*

Lorenzo C. Brooks, *Chicago, Ill.*
James W. Eaton, *Albany, N. Y.*
Henry Hitchcock, *St. Louis, Mo.*
George W. Kirchwey, *Albany, N. Y.*
Charles H. Livermore, *Fair Haven*
Henry Maltzberger, *Reading, Pa.*
Frank W. Marsh, *New Milford*
Thomas B. Marston, *Chicago, Ill.*
Charles Miller, *Williston, Vt.*
Howard D. Newton, *Norwich, N. Y.*
Albert W. Shaw, *Buffalo, N. Y.*
Frederic T. Simpson, *Bath, Me.*
John G. C. Sonn, *Newark, N. J.*
Frederic A. Stokes, *Detroit, Mich.*
Willis E. Story, *Milwaukee, Wisc.*

DISSERTATIONS

David Fleischman, *Albany, N. Y.*
Walter B. James, *Baltimore, Md.*
Samuel A. Kimball, *Bath, Me.*
Robert H. Munson, *Williamsport, Pa.*
Isaac Peck, *Flushing, N. Y.*
Louis DuP. Syle, *Baltimore, Md.*
George D. Watrous, *New Haven*
Samuel P. Willard, *Colchester*

DISPUTES

William W. Bailey, *New Haven*
Augustus S. Carrier, *Erie, Pa.*
Amos L. Hatheway, *Willimantic*
John J. Hill, *Pittsburgh, Pa.*
Frank E. Hyde, *Hartford*
Gilbert D. Lamb, *Franklin*
Charles H. Leete, *Potsdam, N. Y.*
Henry H. McNair, *Lima, N. Y.*
George D. Munson, *Wallingford*
Edgar B. Nichols, *Easton*
Charles B. Peck, *Bridgeport*
William G. Seeley, *Brooklyn, N. Y.*
Harry K. Willard, *Washington, D. C.*

Hugh D. Auchincloss, *New York City*
Chun Lung, *Hien Shang, China*
Edward S. Fowler, *Cambridge, Mass.*
Henry S. Green, *New Milford*
Howard W. Hayes, *Newark, N. J.*
Lewis H. Hyde, *Norwich*
Frank Jones, *Kansas City, Mo.*
George L. Lewis, *Buffalo, N. Y.*
William C. Merritt, *Oakland, Cal.*
John O. Perrin, *La Fayette, Ind.*
Delevan S. Sweet, *Phœnix, N. Y.*
Mardon D. Wilson, *Philadelphia, Pa.*

COLLOQUIES

Charles F. Aldrich, *Worcester, Mass.*
Edward A. Bowers, *New Haven*
Henry A. Bushnell, *Old Saybrook*
George M. Kimball, *Concord, N. H.*
Edmund P. Livingston, *N. Y. City*
Charles L. Merriam, *West Meriden*
Edward Southworth, *W. Springfield, Mass.*

Thomas R. Barnum, *New Haven*
Elisha B. Joyce, *New York City*
John W. Keller, *Paris, Ky.*
George S. Linde, *New Haven*
Lewis A. Platt, *Waterbury*
John W. Shepard, *Hartford*
Thomas W. Stiles, *New Haven*
Arthur H. Terry, *Southold, N. Y.*

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FELLOWS

DOUGLAS Fellow—ELISHA S. BOTTUM, B.A., Class of 1876
SOLDIERS' Memorial Fellow—CLARENCE H. KELSEY, B.A., Class of 1878

SCHOLARS OF THE HOUSE

BRISTED Scholar—Class of 1876—ARTHUR T. HADLEY, B.A.
LARNED Scholar—Class of 1876—JOHN KENDRICK, B.A.
CLARK Scholar—Class of 1877—ALEXANDER M. WILCOX, B.A.
LARNED Scholar—Class of 1877—ALEXANDER M. WILCOX, B.A.
CLARK Scholar—Class of 1878—WILLIAM E. WATERS, B.A.
LARNED Scholar—Class of 1878—GEORGE T. KNOTT, B.A.
W. W. DEFOREST Scholar—Class of 1878—CHARLES H. SHAW, B.A.
WOOLSEY Scholar—Class of 1879—ERNEST CARTER
WOOLSEY Scholar—Class of 1880—WILLIAM M. HALL
WOOLSEY Scholar—Class of 1881—PHILIP G. BARTLETT

PREMIUMS AWARDED DURING THE YEAR 1877–78

UNIVERSITY PRIZE

JOHN A. PORTER Prize—Henry A. James, B.A., of the Class of 1878, Department of Law

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UNDERGRADUATE ACADEMICAL DEPARTMENT

LARNED Scholarship—Class of 1876—David W. Brown, B.A.
LARNED Scholarship—Class of 1876—John Kendrick, B.A.
CLARK Scholarship—Class of 1878—William E. Waters
LARNED Scholarship—Class of 1878—George T. Knott
W. W. DEFOREST Scholarship—Class of 1878—Charles H. Shaw
WOOLSEY Scholarship—Class of 1881—Philip G. Bartlett
HURLBUT Scholarship—Class of 1881—Russell A. Bigelow
THIRD FRESHMAN Scholarship—Class of 1881—Walter R. Bridgman } (equal)
DEFOREST Medal—Class of 1878—Louis Hood
TOWNSEND Premiums for English Composition—Class of 1878—John P. Clarke, Harry C. Coe, William L. Dickson, George B. Edwards, Roger S. B. Foster
PREMIUM for solution of Astronomical Problems—Class of 1878—1st Prize, William E. Waters
WINTHROP Prizes—Class of 1879—1st Prize, Edgar B. Nichols; 2d Prize, John G. C. Sonn
SCOTT Prize in German—Class of 1878—Alfred L. Ripley
SCOTT Prize in French—Class of 1879—Louis L. Stanton

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JUNIOR EXHIBITION PREMIUMS—CLASS OF 1879

1st Prize, George W. Kirchwey; 2d Prizes, Lucien F. Burpee, Chun Lung, James W. Eaton, George F. Foster, Samuel M. Foster, Henry S. Green, Louis DuP. Syle, Henry J. TenEyck, Ambrose Tighe

PREMIUMS FOR ENGLISH COMPOSITION—CLASS OF 1880

1st Term: 1st Prizes, John A. Amundson, Alfred B. Nichols, Sidney C. Partridge, Doremus Scudder; 2d Prizes, Nathaniel Gordon, William M. Hall, Frank W. Hopkins, Edward P. Noyes; 3d Prizes, Wilton N. Eddy, William C. Husted, Frederick S. Morrison, Charles A. Wight

2d Term: 1st Prizes, John A. Amundson, Alfred B. Nichols, Sidney C. Partridge, Doremus Scudder; 2d Prizes, William M. Hall, Frank W. Hopkins, William C. Husted, Edward P. Noyes; 3d Prizes, Wilton N. Eddy, Thomas R. Morrow, Harry W. Taft, Stephen Trumbull

PREMIUMS FOR DECLAMATION—CLASS OF 1880

1st Prize, William D. Murray; 2d Prize, William D. Barnes and John F. Woodhull; 3d Prize, Doremus Scudder

PREMIUMS FOR SOLUTION OF MATHEMATICAL PROBLEMS

Class of 1880—1st Prize, William M. Hall; 2d Prize, Frank W. Hopkins; 3d Prizes, William H. Sherman, Wilson C. Wheeler

Class of 1881—1st Prize, Frank B. Lucas; 2d Prizes, Otis H. Briggs, Arthur E. White

BERKELEY PREMIUMS FOR LATIN COMPOSITION—CLASS OF 1881

1st Prizes, Edwin E. Aiken, Benjamin W. Bacon, Philip G. Bartlett, Russell A. Bigelow, Walter R. Bridgman, Arthur E. White; 2d Prizes, Arthur E. Bostwick, Sherman Evarts, Nathaniel C. Fisher, Arthur G. Stedman, Sherman L. Whipple, Charles O. Whitmore

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SHEFFIELD SCIENTIFIC SCHOOL

Class of 1878

FOR EXCELLENCE IN GERMAN, John P. Bartlett, New Britain
FOR EXCELLENCE IN FRENCH, Edward H. Smith, Brooklyn, N. Y.
FOR EXCELLENCE IN CIVIL ENGINEERING, Walter L. Cowles, Wallingford

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Class of 1879

FOR EXCELLENCE IN THE MATHEMATICS OF JUNIOR YEAR, George A. Saunders, Newport, R. I., with honorable mention of Charles A. Wilcox, Painesville, O.

FOR EXCELLENCE IN CHEMISTRY, William J. Comstock, Toledo, O., with honorable mention of John Jewett, Brooklyn, N. Y.

FOR EXCELLENCE IN MINERALOGY, Frederick I. Allen, Auburn, N. Y.

Class of 1880

FOR EXCELLENCE IN ALL THE STUDIES OF FRESHMAN YEAR, Dwight Porter, Hartford

FOR EXCELLENCE IN GERMAN, Ernest T. Liefeld, New Haven

FOR EXCELLENCE IN MATHEMATICS, Dwight Porter, Hartford

FOR EXCELLENCE IN PHYSICS, Dwight Porter, Hartford

FOR EXCELLENCE IN MECHANICAL DRAWING, George Robert Ferguson, New Haven

Class of 1881

FOR THE BEST ENTRANCE EXAMINATION, Ethan Allen Andrews, Tarrytown, N. Y.

DEPARTMENT OF LAW

JEWELL PRIZE ($100), to the student passing the best examination at his graduation — William F. Booth, B.A. Emory and Henry College, New Orleans, La.

CIVIL LAW PRIZE ($30), for the best dissertation on "Obligations ex Delicto," Haydn C. Kelly, B.A. Rutgers College, New Brunswick, N. J., class of 1878

Committee of Award: Prof. Francis Wharton, LL.D., Cambridge, Mass.

JEWELL PRIZE ($50), for the best dissertation from a member of the Junior Class, on "The right to use force in defending or regaining possession of personal property"—Wallace B. Fenn, Jr., Ph.B., New Haven

Committee of Award: Prof. Henry Hitchcock, LL.D., St. Louis, Mo.
Hon. B. Gratz Brown, St. Louis, Mo.

BETTS PRIZE ($50), to the member of the Junior Class receiving the highest marks at his annual examination—James H. Brewster, Ph.B., New Haven

TOWNSEND PRIZE ($100), to the student pronouncing the best oration at his graduation—John S. Seymour, B.A., Norwalk

Committee of Award: Hon. Dwight Foster, LL.D., Boston, Mass.
Hon. L. Denison Shoemaker, Wilkes Barre, Pa.
J. Evarts Greene, Esq., Worcester, Mass.

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HONORS*

Class of 1878

William F. Booth, B.A. Emory and Henry College (Jewell Prize)
Edwin D. Worcester, B.A., Albany, N. Y.
Burton Mansfield, Ph.B., New Haven
John C. Talcott, B.A. Mt. Union College, Jefferson, O.
Henry A. James, B.A., Baltimore, Md.

Class of 1879

James H. Brewster, Ph.B. (Betts Prize)
John K. Beach, B.A., New Haven
Wallace B. Fenn, Jr., Ph.B., New Haven
John B. Atwater, B.A., Minneapolis, Minn.
Ardon L. Judd, B.A., Stratford

* This list comprises the names of the five in each class who received the highest marks at its annual examination.

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NOTE.—Arrangements have been made, in the SCHOOL OF THE FINE ARTS, by which after Jan. 1, 1879, a course of instruction in Architecture will be provided. For details apply to the Director of the School.

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